



246184

RIEDEL ENVIRONMENTAL SERVICES, INC.
CHAIN OF CUSTODY RECORD
 500 EASTERN AVENUE
 BENSENVILLE, IL 60106
 (708) 238-1818

No 0718

Page 1 of 1

Project Name: <u>Standard Scrap</u>	Lab: <u>EMT</u>
Project Number: _____	Attn: <u>Gayle</u> 967-6666
Results To: <u>Dan Swanson 4020 S. Wells, Chicago, IL (Riedel)</u>	Special Instructions: _____
Telephone # <u>For 312 373-1087</u> Fax # <u>312-373-1083</u>	Special Detection Limits: _____
* All Work To BE Performed Per RFP: Yes _____ No _____	Analyze Each Phase of Sample _____
* Changes To RFP: _____	Analyze _____ Phase of Sample _____
	Analyze Sample As Is, Dry Weight, Wet Weight _____
* Sample Results Required By: <u>48 hr for verbal</u> QA Data Package Required By: <u>2 wks</u>	

Lab ID #	Sample ID#	Sample Location	Matrix	Collection Date Time	Test Methods								Notes/Special Request
					Preservative	* TOTAL PCRA	Metals Counting	PCBs	* TSP - PUMPED	Analyzer	Total Solids		
1963	WYF-4comp	West Yard	Soil	12/22/94 1242	None	X		X			X		* Please Hold Sample until Review for possible TEL Analysis
1964	WYF-5comp	West Yard	Soil	11/22/94 1257		X		X			X		
1965	WYF-6	West Yard	Soil			X		X			X		
1966	WYF-3	West Yard	Soil			X		X			X		
1967	WYF-1000 HAZ-112294	West Yard	Soil	12/5 112294	✓	X		X			X		

PERSONNEL CUSTODY RECORD

QA/QC Protocol: Yes _____ No _____ QA/QC Level: I _____ II <u>(II)</u> III _____ • Contract Laboratory Programs: _____ • QA/QC Control Guidance For Removal Activities (EPA Document # EPA/540/G-90/004 April 1, 1990): _____ • QA/QC Protocol Specified In RFP: _____ Other _____	Preservatives: (Circle Appropriate Item) Sulfuric Acid H ₂ SO ₄ _____ Sodium Sulfite Na ₂ SO ₃ _____ Hydrochloric Acid HCl _____ Nitric Acid HNO ₃ _____ Sodium Hydroxide NaOH _____ None N <u>(circled)</u> Cool 4° C _____	Relinquished By: (Signature) <u>[Signature]</u> Date <u>11/22/94</u> Time AM/PM <u>1510</u> Relinquished By: (Signature) _____ Date _____ Time AM/PM _____ Relinquished By: (Signature) _____ Date _____ Time AM/PM _____
Relinquished By: (Signature) <u>[Signature]</u> Date <u>11/22/94</u> Time AM/PM <u>1510</u> Relinquished By: (Signature) _____ Date _____ Time AM/PM _____ Relinquished By: (Signature) _____ Date _____ Time AM/PM _____	Relinquished By: (Signature) <u>[Signature]</u> Date <u>11/22/94</u> Time AM/PM <u>1510</u> Relinquished By: (Signature) _____ Date _____ Time AM/PM _____ Relinquished By: (Signature) _____ Date _____ Time AM/PM _____	Relinquished By: (Signature) <u>[Signature]</u> Date <u>11/22/94</u> Time AM/PM <u>1510</u> Relinquished By: (Signature) _____ Date _____ Time AM/PM _____ Relinquished By: (Signature) _____ Date _____ Time AM/PM _____

RIEDEL ENVIRONMENTAL SERVICES, INC.
CHAIN OF CUSTODY RECORD
 500 EASTERN AVENUE
 BENSENVILLE, IL 60106
 (708) 238-1818

Nº 0719

Page ____ of ____

Project Name: <u>Standard Scrap</u> Project Number: _____ Results To: <u>Dan Swenson 4020 S. Wells Chicago, IL 60609</u> Telephone # <u>(312) 373-1087</u> Fax # <u>(312) 373-1083</u> * All Work To BE Performed Per RFP: Yes _____ No _____ * Changes To RFP: _____ * Sample Results Required By: <u>1 week Turnaround</u>	Lab: <u>MET</u> AHN: <u>Gayle</u> Special Instructions: _____ Special Detection Limits: _____ Analyze Each Phase of Sample _____ Analyze _____ Phase of Sample _____ Analyze Sample As Is, Dry Weight, Wet Weight _____ QA Data Package Required By: <u>2WK-3WKS</u>
--	---

Lab ID #	Sample ID#	Sample Location	Matrix	Collection Date Time	Test Methods								Notes/Special Request	
					Preservative	Total RCRA Metals *	PCBs							
2013	MYI-16	Main Yard	↓ Soil & Debris	11/22/04 0745	N	✓	✓						111360	
2014	MYJ-16	Main Yard	↓	11/22/04 0750	N	✓	✓							
2015	MYJ-18	Main Yard	↓	11/22/04 0755	N	✓	✓			111430	* Please Hold Sample until Verbal are Review			
2016	MYJ-19	Main Yard	↓	11/22/04 0800	N	✓	✓			111431	For possible TCL Analysis For RCRA Metals			
2017	MYJ-17	Main Yard	↓	11/22/04 0752	N	✓	✓			111432				
2018	MYI-19	Main Yard	↓	11/22/04 0805	N	✓	✓							

PERSONNEL CUSTODY RECORD

QA/QC Protocol:		Yes	No	QA/QC Level	Preservatives: (Circle Appropriate Item)	Hydrochloric Acid HCl	None N
• Contract Laboratory Programs: _____ • QA/QC Control Guidance For Removal Activities (EPA Document # EPA/540/G-90/004 April 1, 1990): _____ • QA/QC Protocol Specified In RFP: <u>✓</u>				I <u>(II)</u> III	Sulfuric Acid H ₂ SO ₄	Nitric Acid HNO ₃	Cool 4° C
				Other _____	Sodium Sulfite Na ₂ SO ₃	Sodium Hydroxide NaOH	
Relinquished By: (Signature)	Date	Time AM/PM		Relinquished By: (Signature)	Date	Time AM/PM	
<u>[Signature]</u>	<u>11/22/04</u>	<u>1510</u>		<u>[Signature]</u>	<u>11/22/04</u>	<u>1510</u>	
Relinquished By: (Signature)	Date	Time AM/PM		Relinquished By: (Signature)	Date	Time AM/PM	
				<u>[Signature]</u>	<u>11-22</u>		
Relinquished By: (Signature)	Date	Time AM/PM		Relinquished By: (Signature)	Date	Time AM/PM	

ENVIRONMENTAL SERVICES, INC.
CHAIN OF CUSTODY RECORD
 500 EASTERN AVENUE
 BENSENVILLE, IL 60106
 (708) 238-1818

No 0720

Page ___ of ___

Project Name: <u>Standard Scrap</u> Project Number: _____ Results To: <u>Dan Swenson (RES) 4070 S. Wells Chicago IL 60609</u> Telephone # <u>312-373-1087</u> Fax # <u>312 373-1083</u> * All Work To BE Performed Per RFP: Yes _____ No _____ * Changes To RFP: <u>One week Verbal</u> * Sample Results Required By: <u>1 WK</u>	Lab: <u>EMT</u> <u>Attn: Gayle</u> Special Instructions: _____ Special Detection Limits: _____ Analyze Each Phase of Sample _____ Analyze _____ Phase of Sample _____ Analyze Sample As Is, Dry Weight, Wet Weight _____ QA Data Package Required By: <u>2-3 wks</u>
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Lab ID #	Sample ID#	Sample Location	Matrix	Collection Date Time	Test Methods								Notes/Special Request
					Preservative	* Total RCRA Metals	PCBs						
2037	MYK-14	Main Yard	So. 1st St Met. ID# 615	11/22 0808	✓	✓	✓	111436					
2038	MYG-19			11/22 0815	✓	✓	✓	111626					
2039	MYE-17			11/22 0818	✓	✓	✓	111627					
2040	MYG-16			11/22 0823	✓	✓	✓	111437					
2041	MYH-16			11/22 0825	✓	✓	✓	111438					
2042	MYH-15			11/22 0830	✓	✓	✓	111441					
* Please hold samples until Verbal's are reviewed for possible TCLP analysis for RCRA Metals													

PERSONNEL CUSTODY RECORD

QA/QC Protocol: Yes _____ No _____ QA/QC Level I _____ II _____ III _____ • Contract Laboratory Programs: _____ • QA/QC Control Guidance For Removal Activities (EPA Document # EPA/540/G-90/004 April 1, 1990): _____ • QA/QC Protocol-Specified In RFP: _____ Other _____			Preservatives: (Circle Appropriate Item) Sulfuric Acid H ₂ SO ₄ _____ Hydrochloric Acid HCl _____ Nitric Acid HNO ₃ _____ Sodium Sulfite Na ₂ SO ₃ _____ Sodium Hydroxide NaOH _____ Cool 4° C _____		
Relinquished By: (Signature)	Date	Time AM/PM	Relinquished By: (Signature)	Date	Time AM/PM
<u>[Signature]</u>	11/22/94	1310	<u>[Signature]</u>	11/22/94	1510
Relinquished By: (Signature)	Date	Time AM/PM	Relinquished By: (Signature)	Date	Time AM/PM
			<u>[Signature]</u>	11-22-94	
Relinquished By: (Signature)	Date	Time AM/PM	Relinquished By: (Signature)	Date	Time AM/PM

RIEDEL ENVIRONMENTAL SERVICES, INC.
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 BENSENVILLE, IL 60106
 (708) 238-1818

No 0721

Page ____ of ____

Project Name: <u>Standard Scrap</u> Project Number: _____ Results To: _____ Telephone # <u>312 373 1087</u> Fax # <u>312 373-1083</u> * All Work To BE Performed Per RFP: Yes _____ No _____ * Changes To RFP: <u>One Week Verbal</u> * Sample Results Required By: _____	Lab: <u>EMT</u> Attn: <u>Gayle</u> Special Instructions: _____ Special Detection Limits: _____ Analyze Each Phase of Sample _____ Analyze _____ Phase of Sample _____ Analyze Sample As Is, Dry Weight, Wet Weight _____ QA Data Package Required By: _____
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Lab ID #	Sample ID#	Sample Location	Matrix	Collection Date Time	Test Methods								Notes/Special Request	
					Preservative	* Total PCBs	Metals	PCBs						
2031	MYH-15A	Main Yard	Soil & Metal Debris	11/22/94 8:32		X	X	X	111433					
2032	MYF-16			11/22/94 08:36		X	X	X						
2033	MYK-11			11/23/94 08:55		X	X	X	111625					
2034	MYH-10			11/21 08:50		X	X	X	111434	* Please hold samples until Verabels are Reviewed for possible TCLP analysis for RCRA metals				
2035	MYI-10			11/21 08:55		X	X	X	111435					
2036	MYG-12	✓	✓	11/21 1530		X	X	X						

PERSONNEL CUSTODY RECORD

QA/QC Protocol: Yes _____ No _____ QA/QC Level I _____ II <u>(circled)</u> III _____ • Contract Laboratory Programs: _____ • QA/QC Control Guidance For Removal Activities (EPA Document # EPA/540/G-90/004 April 1, 1990): _____ • QA/QC Protocol Specified In RFP: _____		Preservatives: (Circle Appropriate Item) Sulfuric Acid H ₂ SO ₄ _____ Sodium Sulfite Na ₂ SO ₃ _____ Hydrochloric Acid HCl _____ Nitric Acid HNO ₃ _____ None N _____ Cool 4° C _____ Sodium Hydroxide NaOH _____	
Relinquished By: (Signature) <u>[Signature]</u>	Date <u>11/22/94</u>	Time AM/PM <u>1:51</u>	Relinquished By: (Signature) <u>[Signature]</u>
Relinquished By: (Signature)	Date	Time AM/PM	Relinquished By: (Signature) <u>[Signature]</u>
Relinquished By: (Signature)	Date	Time AM/PM	Relinquished By: (Signature)

RIEDEL ENVIRONMENTAL SERVICES, INC.
CHAIN OF CUSTODY RECORD
 500 EASTERN AVENUE
 BENSENVILLE, IL 60106
 (708) 238-1818

No 0722

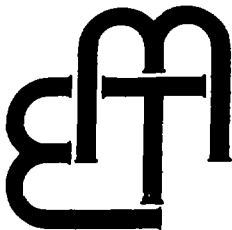
Page ___ of ___

Project Name: <u>Standard Scrap</u> Project Number: _____ Results To: <u>Dan Swanson (Res) 4020 S. Wells Chicago, IL 60609</u> Telephone # <u>312-373-1087</u> Fax # <u>312-373-1083</u> * All Work To BE Performed Per RFP: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> * Changes To RFP: <u>One Week Turnaround</u> * Sample Results Required By: <u>One Week Turnaround Verbal</u>	Lab: <u>EMT</u> Attn: <u>GAYLE</u> Special Instructions: _____ Special Detection Limits: _____ Analyze Each Phase of Sample _____ Analyze _____ Phase of Sample _____ Analyze Sample As Is, Dry Weight, Wet Weight _____ QA Data Package Required By: <u>2-3wk Turnaround Hard Copy</u>
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Lab ID #	Sample ID#	Sample Location	Matrix	Collection Date Time	Test Methods								Notes/Special Request	
					Preservative	Total PCRA Metals	PCBs							
2048	MYH-14	Main Yard	Soil for Metal Outcr.	11/21/94 1445		*	✓		111629					
2049	MYH-15			11/21/94 1450			✓		111442					
2042	MYI-13			11/21/94 1455		✓	✓							
2043	MYI-14			11/21/94 1510		✓	✓		111628	* Please hold samples until verbals are reviewed				
2045	MYI-14A			11/21/94 1515			✓		111439	for possible TEL analysis for				
2046	MYI-14			11/21/94 1525			✓		111440					

PERSONNEL CUSTODY RECORD

QA/QC Protocol: _____ • Contract Laboratory Programs: _____ • QA/QC Control Guidance For Removal Activities (EPA Document # EPA/540/G-90/004 April 1, 1990): _____ • QA/QC Protocol Specified In RFP: _____	Yes _____ No _____	QA/QC Level I _____ II _____ III _____ Other _____	Preservatives: (Circle Appropriate Item) Sulfuric Acid H ₂ SO ₄ _____ Sodium Sulfite Na ₂ SO ₃ _____	Hydrochloric Acid HCl _____ Nitric Acid HNO ₃ _____	None N _____ Cool 4° C _____ Sodium Hydroxide NaOH _____
Relinquished By: (Signature) <u>[Signature]</u>	Date <u>11/22/94</u>	Time AM/PM <u>1510</u>	Relinquished By: (Signature) <u>[Signature]</u>	Date <u>11/22/94</u>	Time AM/PM <u>1510</u>
Relinquished By: (Signature) _____	Date _____	Time AM/PM _____	Relinquished By: (Signature) <u>[Signature]</u>	Date <u>11/22/94</u>	Time AM/PM _____
Relinquished By: (Signature) _____	Date _____	Time AM/PM _____	Relinquished By: (Signature) _____	Date _____	Time AM/PM _____



**ENVIRONMENTAL
MONITORING AND
TECHNOLOGIES, INC.**

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
708/967-6666
FAX: 708/967-6735

LABORATORY REPORT

111509

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 12/1/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-4 Comp
Sample No.: 01963

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

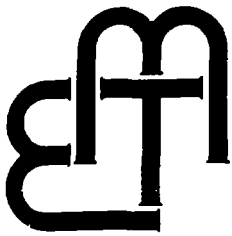
Sample Received by EMT 11/22/94

Sample analyzed for Total Metals 11/28/94

Sample extracted PCB's 11/23/94

Sample analyzed for PCB's 11/24/94

LABORATORY DIRECTOR



**ENVIRONMENTAL
MONITORING AND
TECHNOLOGIES, INC.**

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
708/967-6566
FAX: 708/967-6735

LABORATORY REPORT

111479

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-4 Comp
Sample No.: 01963

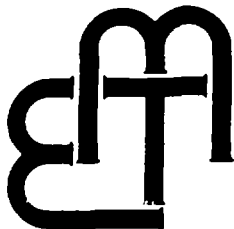
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehr

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
708/967-6666
FAX: 708/967-6735

LABORATORY REPORT

111181

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/29/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-4 Comp.
Sample No.: 01963

Arsenic	3.02
Barium	10.0
Cadmium	<0.86
Chromium	5.50
Copper	3.77
Lead	10.8
Mercury	0.0216
Nickel	7.76
Selenium	<0.22
Silver	<2.69
Zinc	30.2

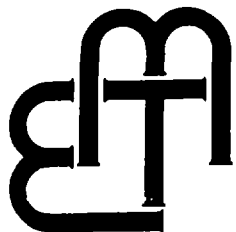
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
708/967-6666
FAX: 708/967-6735

LABORATORY REPORT

111181-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/29/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-4 Comp.
Sample No.: 01963

		Concentration Found In		Method Detection Limit (MDL)	Quantitation Limit
		<u>Sample</u> (ppb)	<u>Blank</u> (ppb)	<u>ug/kg (ppb)</u>	<u>ug/kg (ppb)</u>
PCB	1221	<900	<0.08	900	4500
PCB	1232	<900	<0.08	900	4500
PCB	1016 (1242)	<900	<0.08	900	4500
PCB	1248	<900	<0.08	900	4500
PCB	1254	<900	<0.08	900	9000
PCB	1260	4450	<0.08	900	9000
(Total PCB)		4450	<0.08	900	---

Analysis reported on a dry weight basis.

All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.


LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
708/967-6666
FAX: 708/967-6735

LABORATORY REPORT

111181-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-4 Comp.
Sample No.: 01963

Report Date: 12/1/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|-----|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 80% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 85% |

Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

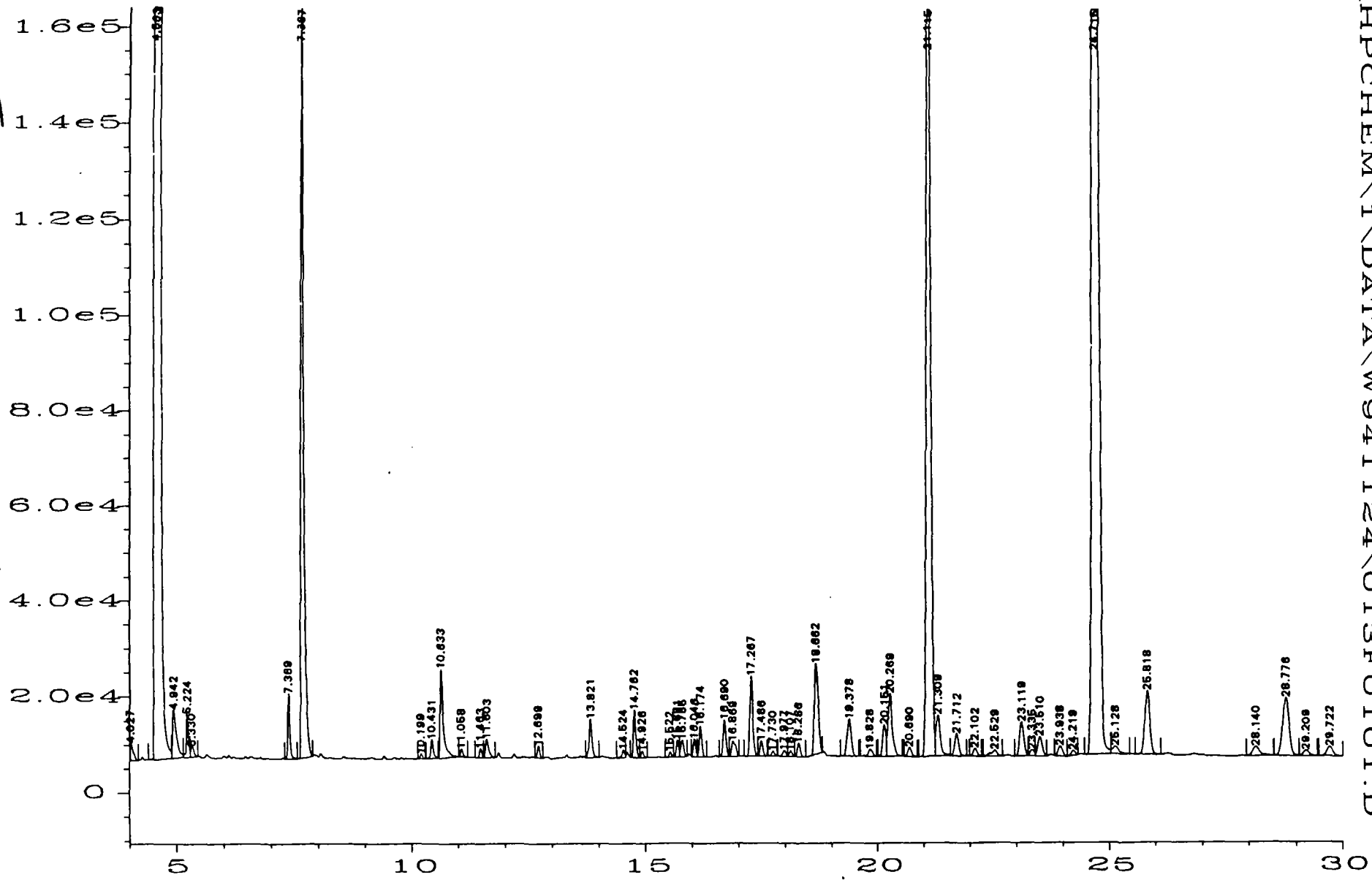
The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehn

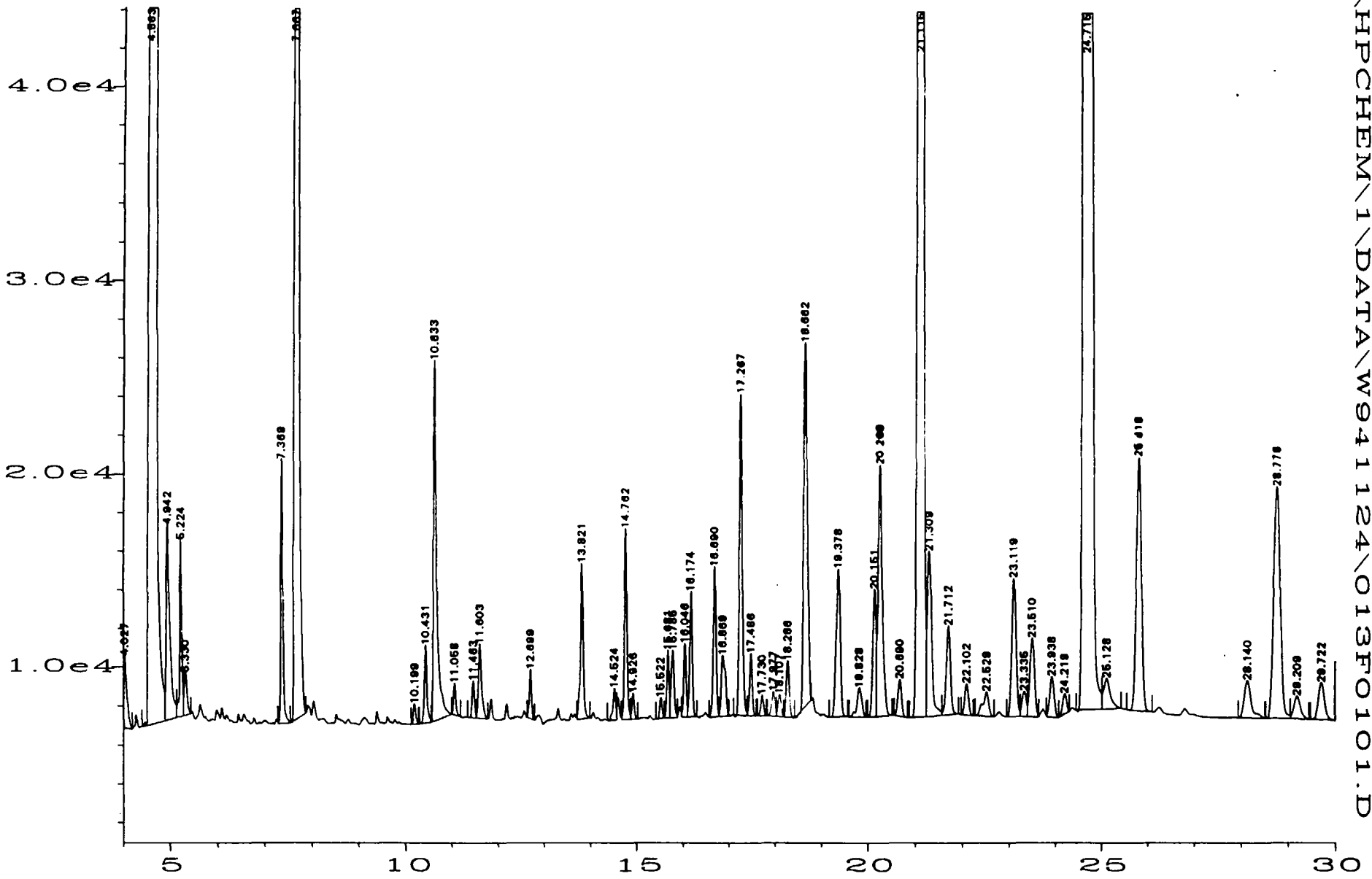
LABORATORY DIRECTOR

SURV=500Hz

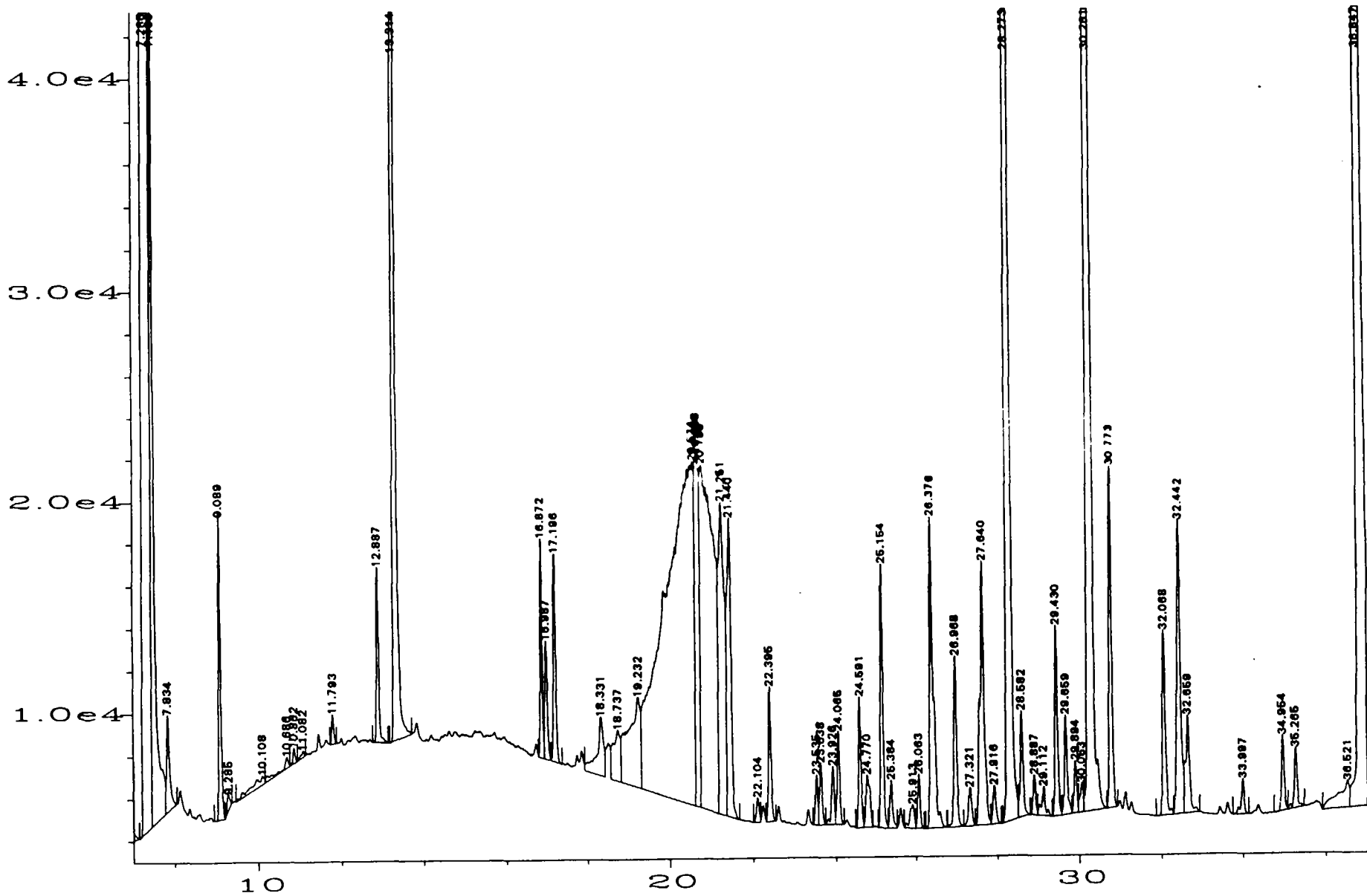
1963 PCB 1.6988g → 40 ml; 500ml 11/22 CU change

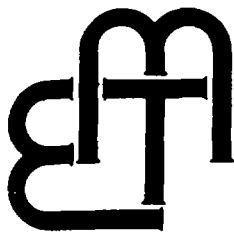


1963 PCB 1.6988g → 40 ml 500pt 11/22 Cu Cleanings expanded.



1963 - before cleaning





ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
708/967-6666
FAX: 708/967-6735

LABORATORY REPORT

111182

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/29/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-5 Comp.
Sample No.: 01964

Arsenic	3.05
Barium	6.54
Cadmium	<0.87
Chromium	4.79
Copper	1.31
Lead	5.23
Mercury	0.0109
Nickel	9.26
Selenium	<0.22
Silver	<2.72
Zinc	25.0

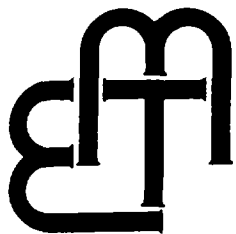
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
708/967-6666
FAX: 708/967-6735

LABORATORY REPORT

111182-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/29/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-5 Comp.
Sample No.: 01964

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<50	<0.08	50	250
PCB 1232	<50	<0.08	50	250
PCB 1016 (1242)	<50	<0.08	50	250
PCB 1248	<50	<0.08	50	250
PCB 1254	<50	<0.08	50	500
PCB 1260	231	<0.08	50	500
(Total PCB)	231	<0.08	50	---

Analysis reported on a dry weight basis.

All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

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Leah E. Zehner

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
708/967-6666
FAX: 708/967-6735

LABORATORY REPORT

111182-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-5 Comp.
Sample No.: 01964

Report Date: 12/1/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

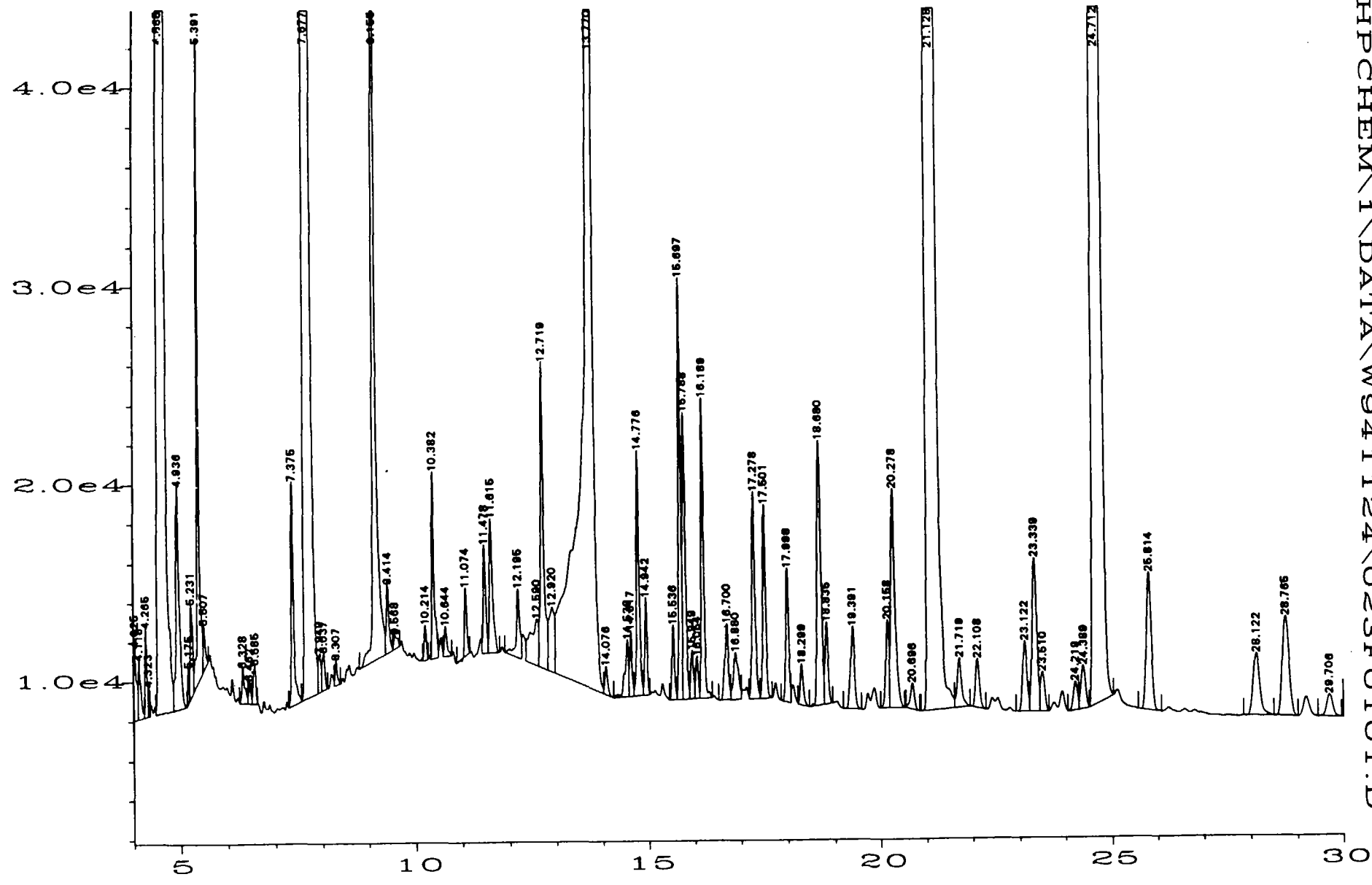
1. 3,5-Dichlorobiphenyl (PCB#14) Overload
2. 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) 82%

Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

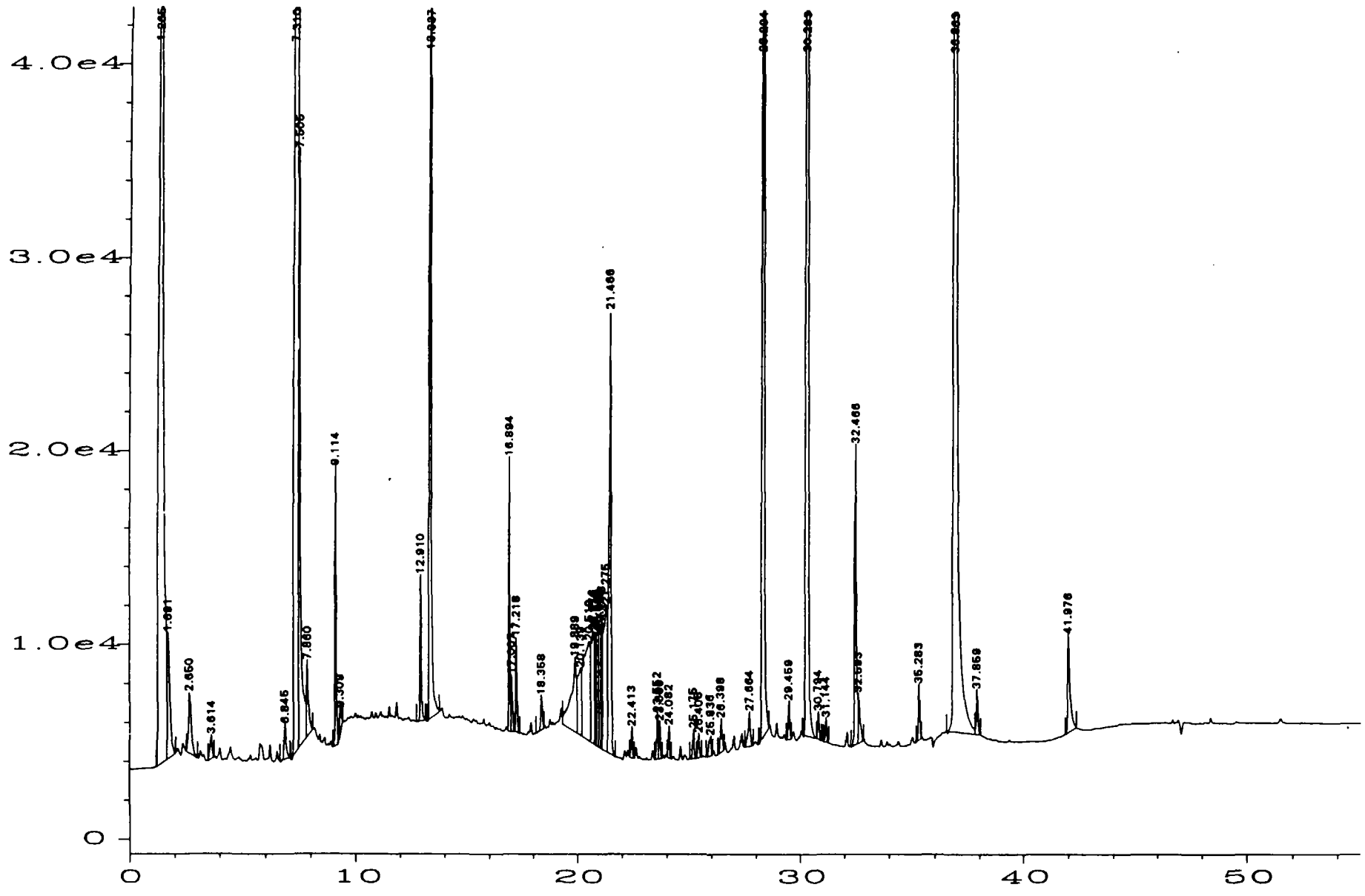
LABORATORY DIRECTOR

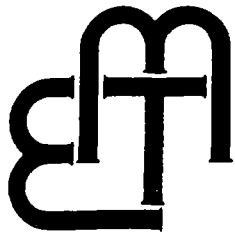
01964 PCB 1.6370g ~ 40ml Sm/ ~ 500µl curr 50g, 1 11/22



C:\HPCHEM\1\DATA\W941124\023F0101.D

1964 before concentration





ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
708/967-6666
FAX: 708/967-6735

LABORATORY REPORT

111510

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-5 Comp
Sample No.: 01964

Report Date: 12/1/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

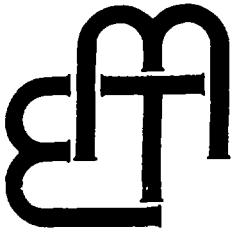
Sample Received by EMT 11/22/94

Sample analyzed for Total Metals 11/28/94

Sample extracted PCB's 11/23/94

Sample analyzed for PCB's 11/24/94

LABORATORY DIRECTOR



**ENVIRONMENTAL
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8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
708/967-6666
FAX: 708/967-6735

LABORATORY REPORT

111480

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-5 Comp
Sample No.: 01964

Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehr

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

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LABORATORY REPORT

111183

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/29/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-6
Sample No.: 01965

Arsenic	2.71
Barium	8.45
Cadmium	<0.87
Chromium	<1.08
Copper	<1.08
Lead	7.04
Mercury	0.0108
Nickel	7.80
Selenium	<0.22
Silver	2.71
Zinc	30.3

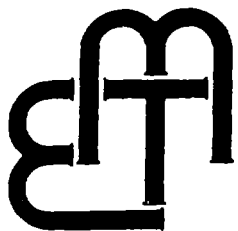
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



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LABORATORY REPORT

111183-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/29/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-6
Sample No.: 01965

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<40	<0.08	40	200
PCB 1232	<40	<0.08	40	200
PCB 1016 (1242)	<40	<0.08	40	200
PCB 1248	<40	<0.08	40	200
PCB 1254	<40	<0.08	40	400
PCB 1260	191	<0.08	40	400
(Total PCB)	191	<0.08	40	---

Analysis reported on a dry weight basis.

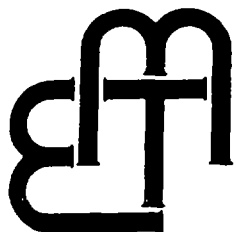
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111183-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-6
Sample No.: 01965

Report Date: 12/1/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|----------|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | Overload |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 84% |

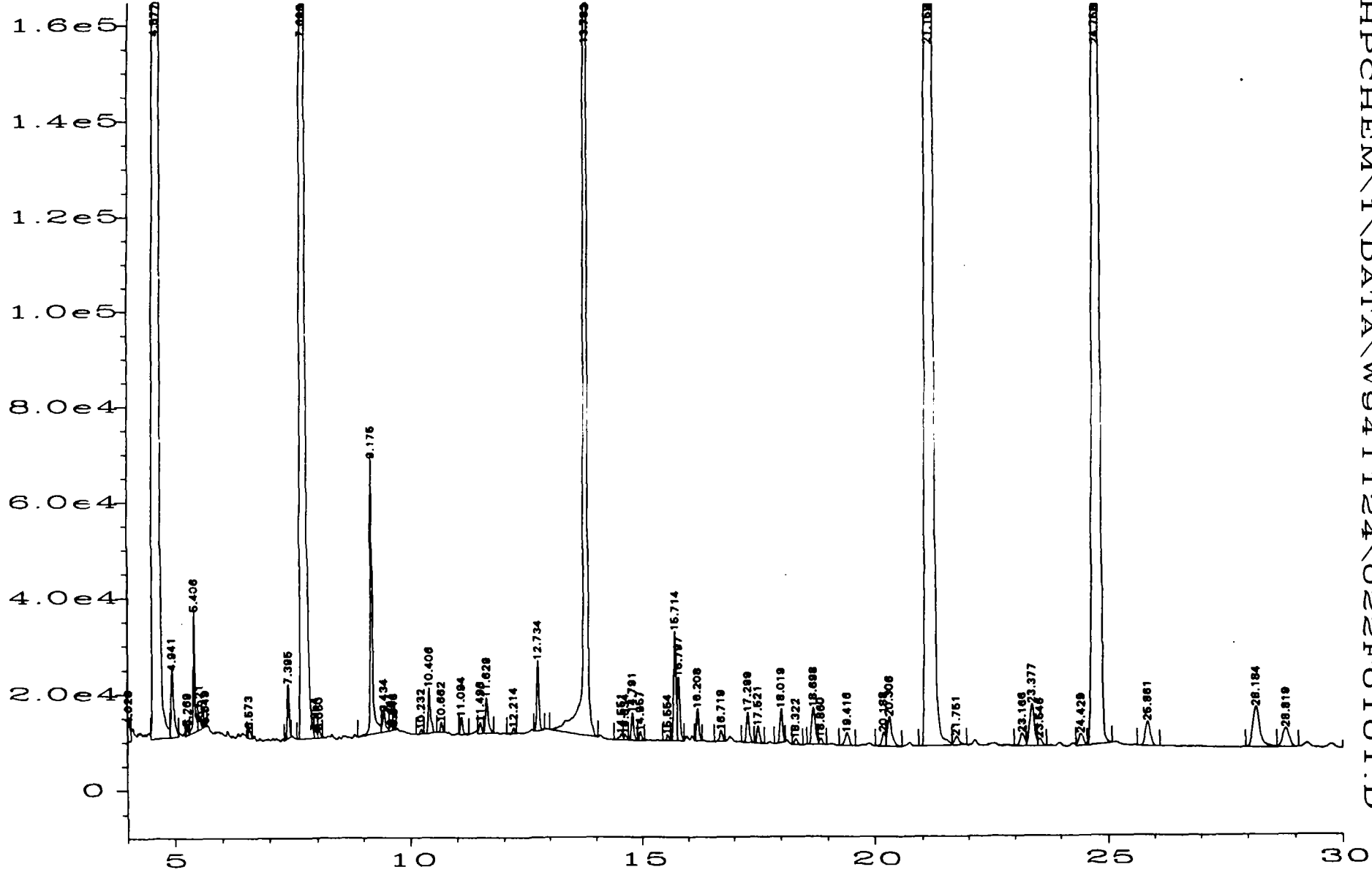
Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

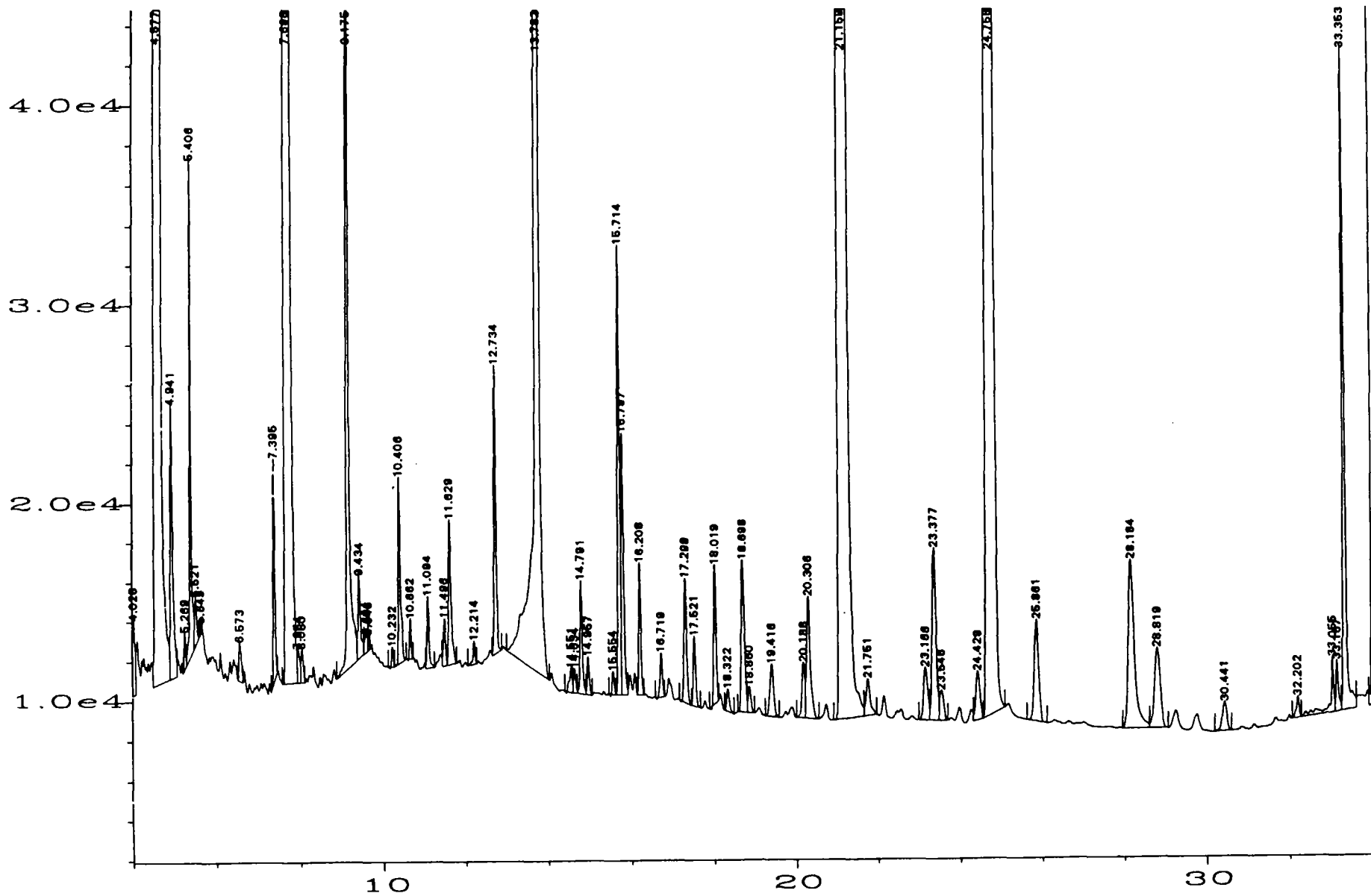
Leah E. Zehn

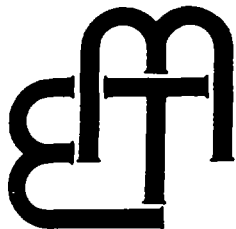
LABORATORY DIRECTOR

01965 PCB 1.5672g → 40ml 5ml → 500μl 11/22



61965 PCB 1.5612g → 40mL 5 mL → 500µL
expanded.





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LABORATORY REPORT

111511

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 12/1/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-6
Sample No.: 01965

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

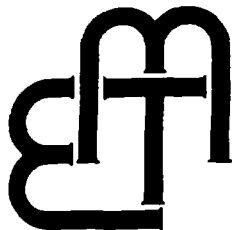
Sample Received by EMT 11/22/94

Sample analyzed for Total Metals 11/28/94

Sample extracted PCB's 11/23/94

Sample analyzed for PCB's 11/24/94

LABORATORY DIRECTOR



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708/967-6666
FAX: 708/967-6735

LABORATORY REPORT

111481

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-6
Sample No.: 01965

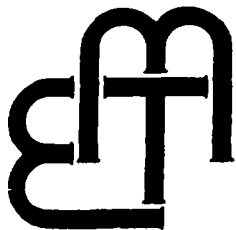
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehr

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
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LABORATORY REPORT

111184

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-3
Sample No.: 01966

Report Date: 11/29/94
Sample Received: 11/22/94

Arsenic	3.05
Barium	7.52
Cadmium	<0.87
Chromium	5.34
Copper	3.27
Lead	7.19
Mercury	0.0109
Nickel	10.8
Selenium	<0.22
Silver	<2.72
Zinc	29.4

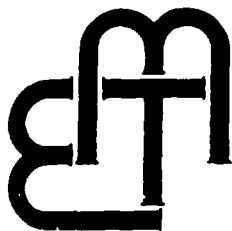
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



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LABORATORY REPORT

111184-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-3
Sample No.: 01966

Report Date: 11/29/94
Sample Received: 11/22/94

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<380	<0.08	380	1900
PCB 1232	<380	<0.08	380	1900
PCB 1016 (1242)	<380	<0.08	380	1900
PCB 1248	<380	<0.08	380	1900
PCB 1254	<380	<0.08	380	3800
PCB 1260	1860	<0.08	380	3800
(Total PCB)	1860	<0.08	380	---

Analysis reported on a dry weight basis.

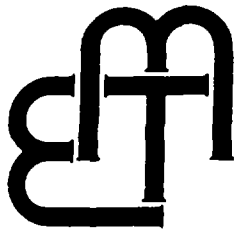
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111184-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-3
Sample No.: 01966

Report Date: 12/1/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|-----|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 76% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 86% |

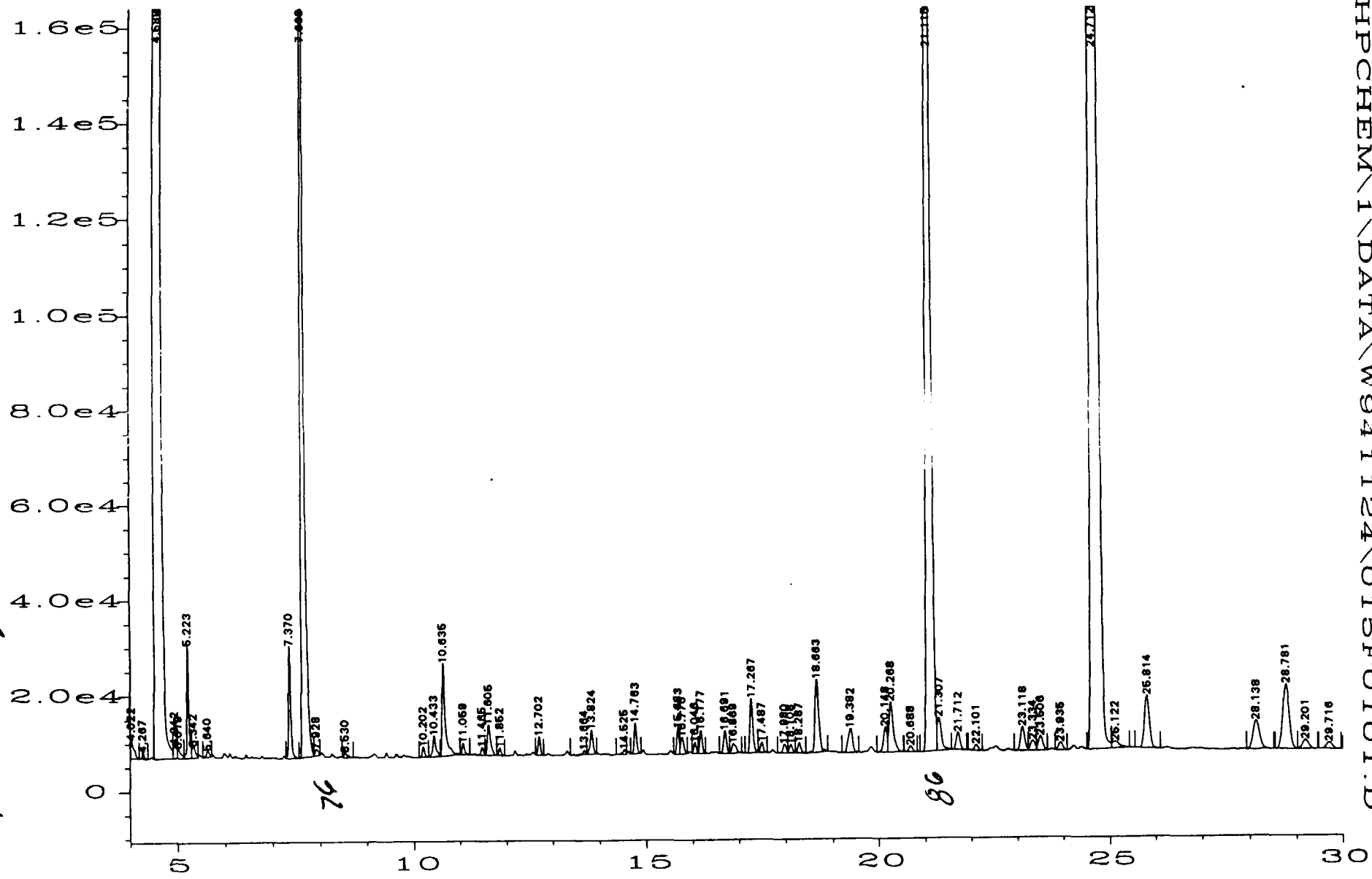
Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

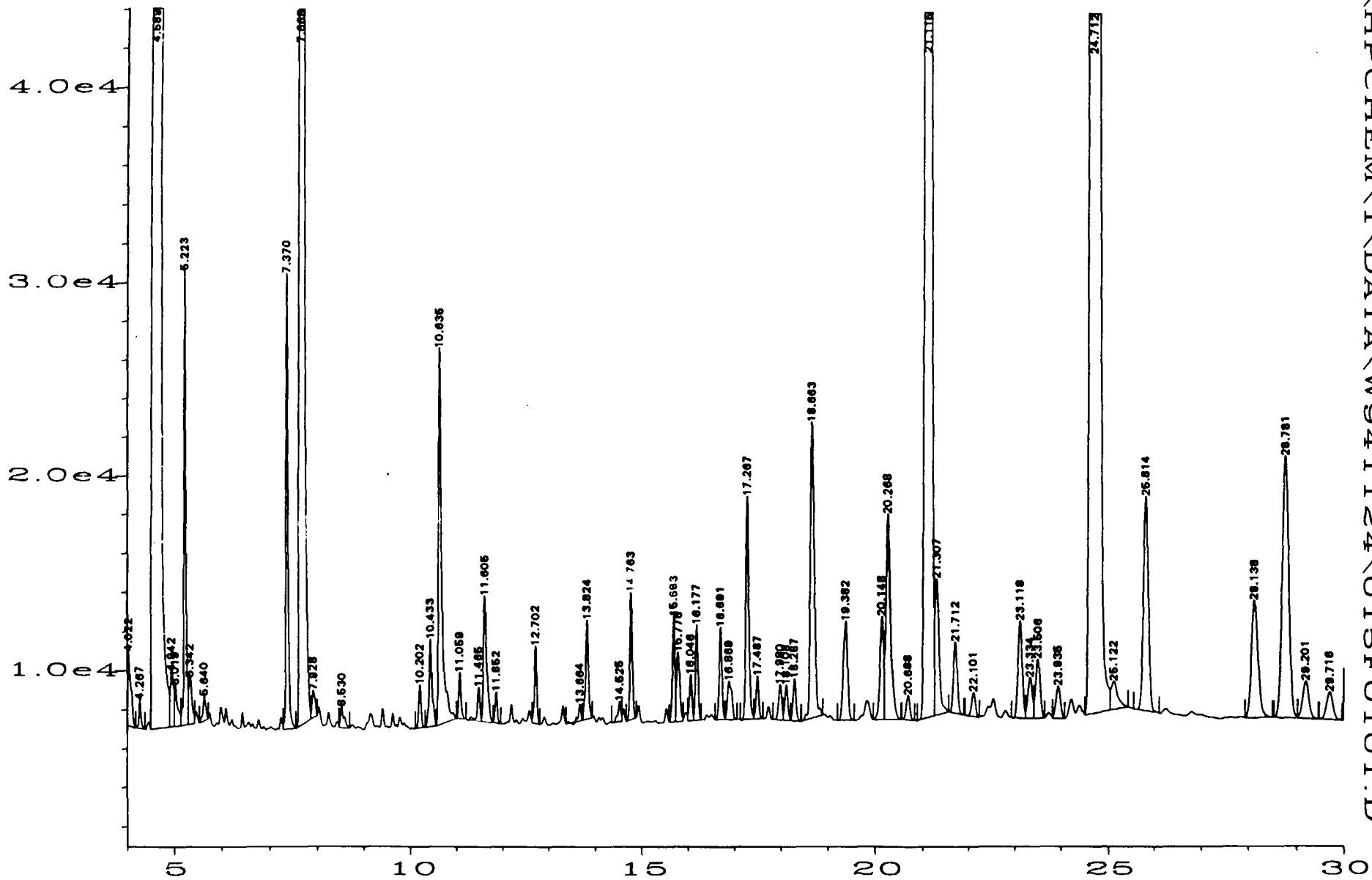
LABORATORY DIRECTOR

1966 pcs 1.2603g → sand; 500 → 250 → 250 → 12

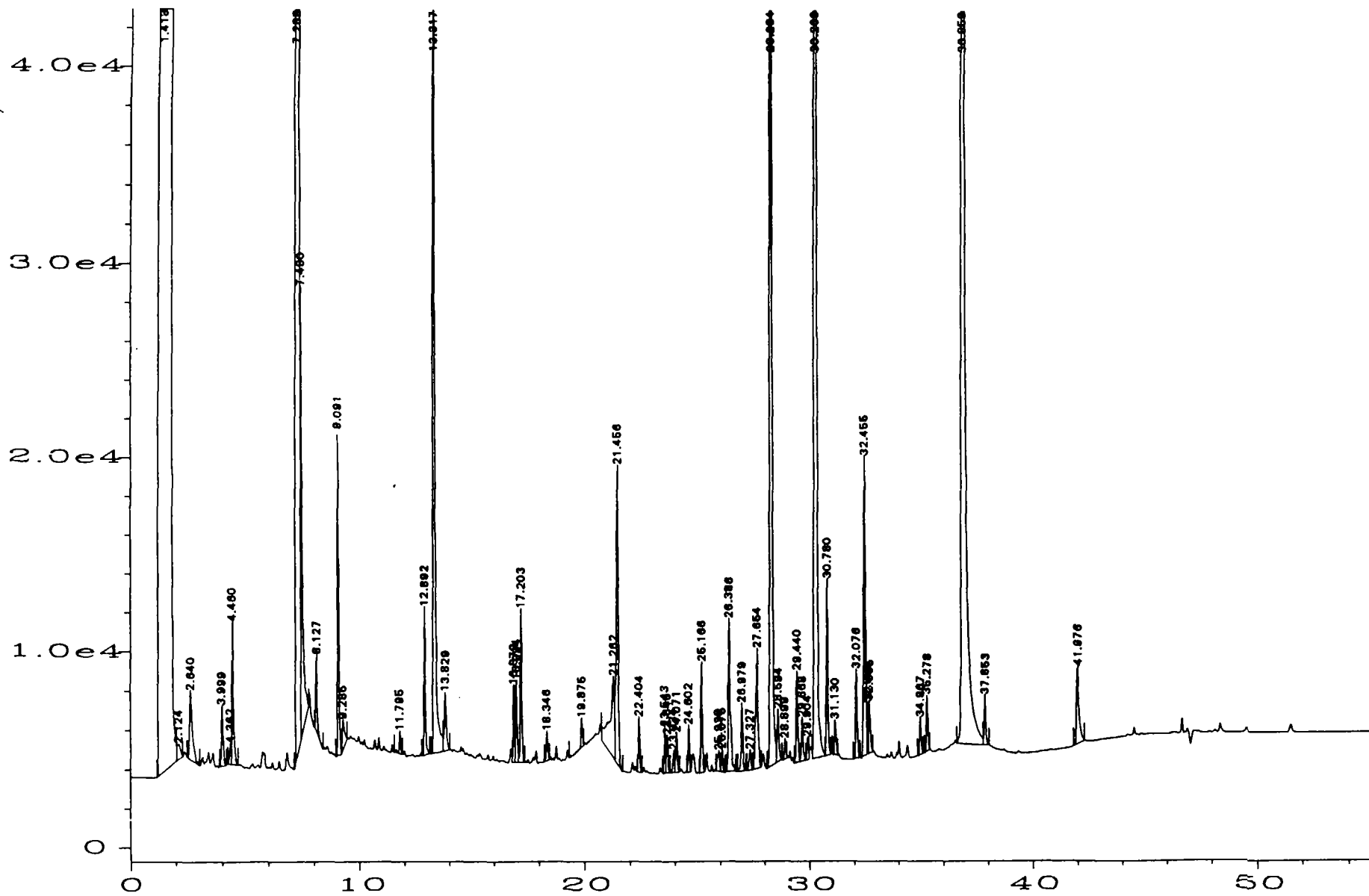


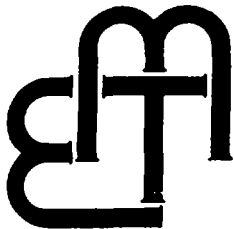
C:\HPCHEM\1\DATA\W941124\015F0101.D

1966 PCB expanded



before weighing
1966 pcs 1.2603g → 40ml; 500x





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LABORATORY REPORT

111512

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-3
Sample No.: 01966

Report Date: 12/1/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

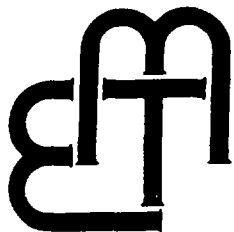
Sample Received by EMT 11/22/94

Sample analyzed for Total Metals 11/28/94

Sample extracted PCB's 11/23/94

Sample analyzed for PCB's 11/24/94

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

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LABORATORY REPORT

111482

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-3
Sample No.: 01966

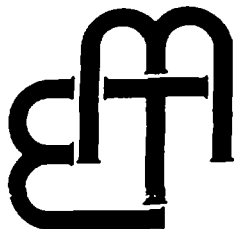
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehr

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
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LABORATORY REPORT

111185

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/29/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-Non Haz - 112294
Sample No.: 01967

Arsenic	1.2
Barium	6.90
Cadmium	<0.90
Chromium	2.83
Copper	2.04
Lead	11.3
Mercury	0.057
Nickel	7.01
Selenium	<0.23
Silver	<2.83
Zinc	26.0

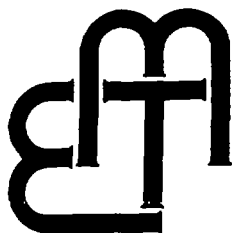
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



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LABORATORY REPORT

111185-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/29/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-Non Haz - 112294
Sample No.: 01967

		Concentration Found In		Method Detection Limit (MDL)	Quantitation Limit
		<u>Sample</u> (ppb)	<u>Blank</u> (ppb)	<u>ug/kg (ppb)</u>	<u>ug/kg (ppb)</u>
PCB	1221	<8400	<0.08	8400	42000
PCB	1232	<8400	<0.08	8400	42000
PCB	1016 (1242)	<8400	<0.08	8400	42000
PCB	1248	<8400	<0.08	8400	42000
PCB	1254	<8400	<0.08	8400	84000
PCB	1260	41600	<0.08	8400	84000
(Total PCB)		41600	<0.08	8400	---

Analysis reported on a dry weight basis.

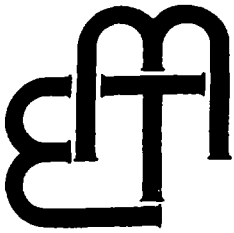
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111185-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-Non Haz - 112294
Sample No.: 01967

Report Date: 12/1/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

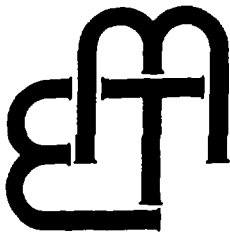
1. 3,5-Dichlorobiphenyl (PCB#14) Overload
2. 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) Overload

Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111513

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-Non Haz-112294
Sample No.: 01967

Report Date: 12/1/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

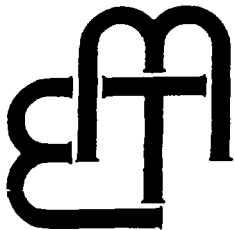
Sample Received by EMT 11/22/94

Sample analyzed for Total Metals 11/28/94

Sample extracted PCB's 11/23/94

Sample analyzed for PCB's 11/24/94

LABORATORY DIRECTOR



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FAX: 708/967-6735

LABORATORY REPORT

111483

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: WYF-Non Haz-112294
Sample No.: 01967

Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zick

LABORATORY DIRECTOR



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8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
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LABORATORY REPORT

111360

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/30/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-16
Sample No.: 02013

Arsenic	16.1
Barium	201
Cadmium	181
Chromium	131
Copper	131000
Lead	1100
Mercury	36.9
Nickel	321
Selenium	65.3
Silver	13.1
Zinc	5620

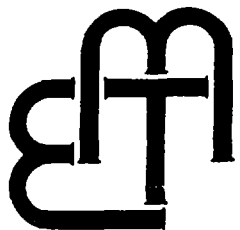
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



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708/967-6366
FAX: 708/967-6735

LABORATORY REPORT

111360-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/30/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-16
Sample No.: 02013

		Concentration Found In		Method Detection Limit (MDL)	Quantitation Limit
		<u>Sample</u> (ppb)	<u>Blank</u> (ppb)	<u>ug/kg (ppb)</u>	<u>ug/kg (ppb)</u>
PCB	1221	<260000	<0.08	260000	1300000
PCB	1232	<260000	<0.08	260000	1300000
PCB	1016 (1242)	1310000	<0.08	260000	1300000
PCB	1248	<260000	<0.08	260000	1300000
PCB	1254	427000	<0.08	260000	2600000
PCB	1260	<260000	<0.08	260000	2600000
(Total PCB)		1737000	<0.08	260000	----

Analysis reported on a dry weight basis.

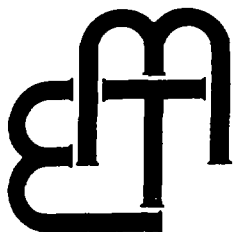
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zuber

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

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LABORATORY REPORT

111360-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 12/1/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-16
Sample No.: 02013

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|------|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 89% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 100% |

Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

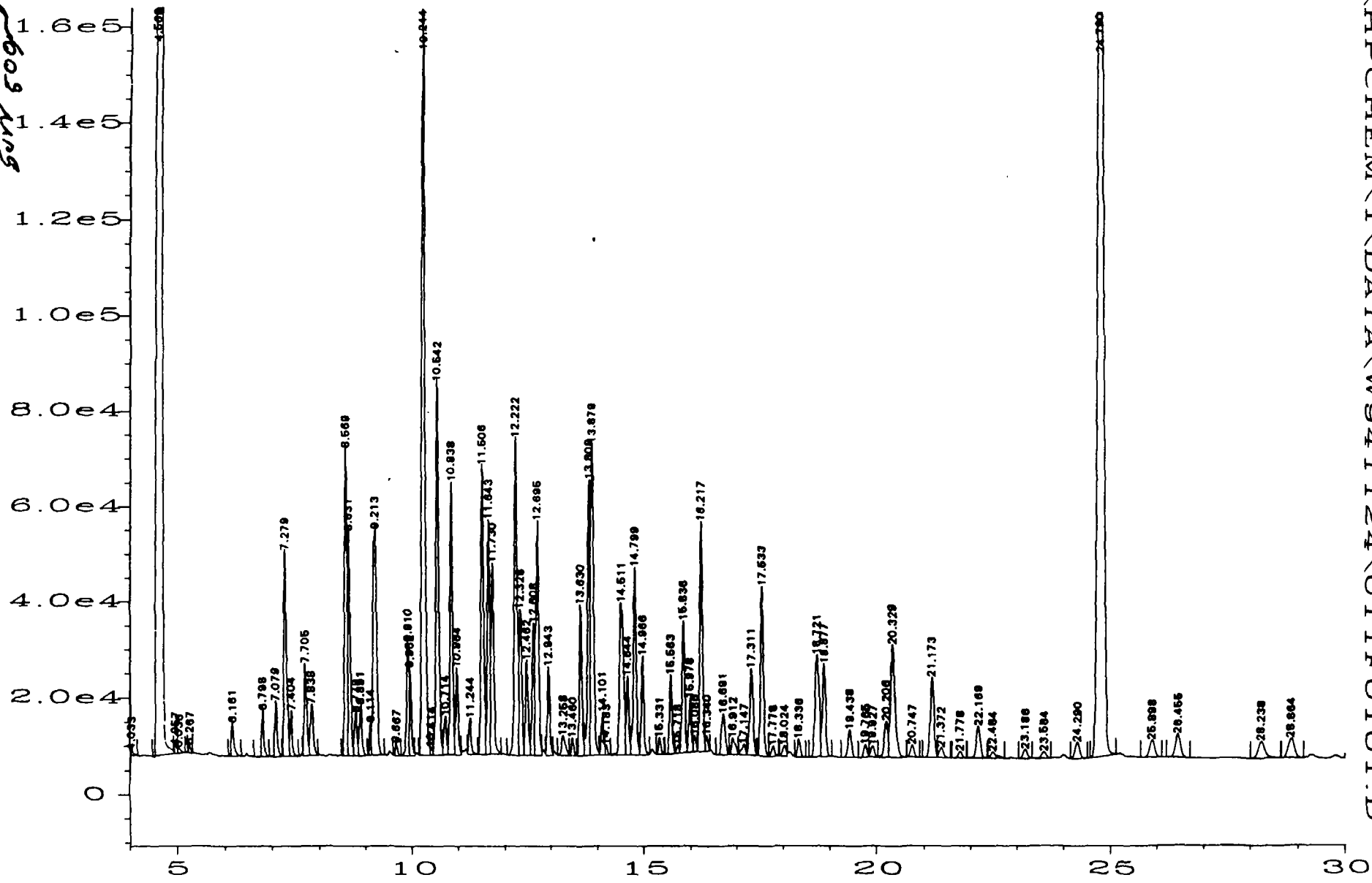
The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

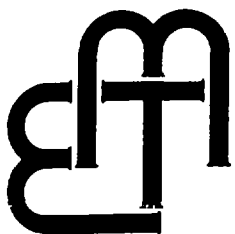
LABORATORY DIRECTOR

IS

2013 PCs 1.470/g → 80ml; 0.5 ml → 50g; 50ml → 100g
N 2 4 6 8 1 1 1 1
Surv 50g 1/2 =



C:\HPCHEM\1\DATA\W941124\O11FO1O1.D



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LABORATORY REPORT

111514

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-16
Sample No.: 02013

Report Date: 12/1/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

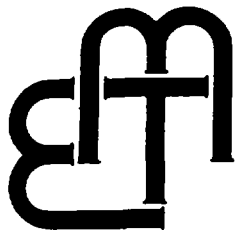
Sample Received by EMT 11/22/94

Sample analyzed for Total Metals 11/30/94

Sample extracted PCB's 11/23/94

Sample analyzed for PCB's 11/24/94

LABORATORY DIRECTOR



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8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
708/967-6666
FAX: 708/967-6735

LABORATORY REPORT

111484

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-16
Sample No.: 02013

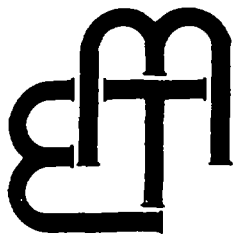
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111361

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/30/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-16
Sample No.: 02014

Arsenic	13.1
Barium	121
Cadmium	63.4
Chromium	98.6
Copper	101000
Lead	3120
Mercury	4.92
Nickel	161
Selenium	6.64
Silver	412
Zinc	2410

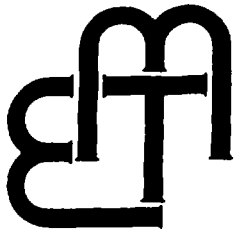
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



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LABORATORY REPORT

111554

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 12/2/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-16
Sample No.: 02014

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<40000	<0.08	40000	200000
PCB 1232	<40000	<0.08	40000	200000
PCB 1016 (1242)	383000	<0.08	40000	200000
PCB 1248	<40000	<0.08	40000	200000
PCB 1254	171000	<0.08	40000	400000
PCB 1260	<40000	<0.08	40000	400000
(Total PCB)	554000	<0.08	40000	----

Analysis reported on a dry weight basis.

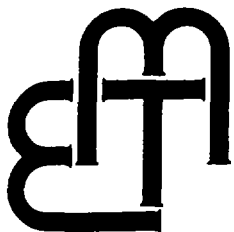
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehn

LABORATORY DIRECTOR



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LABORATORY REPORT

111554-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-16
Sample No.: 02014

Report Date: 12/2/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

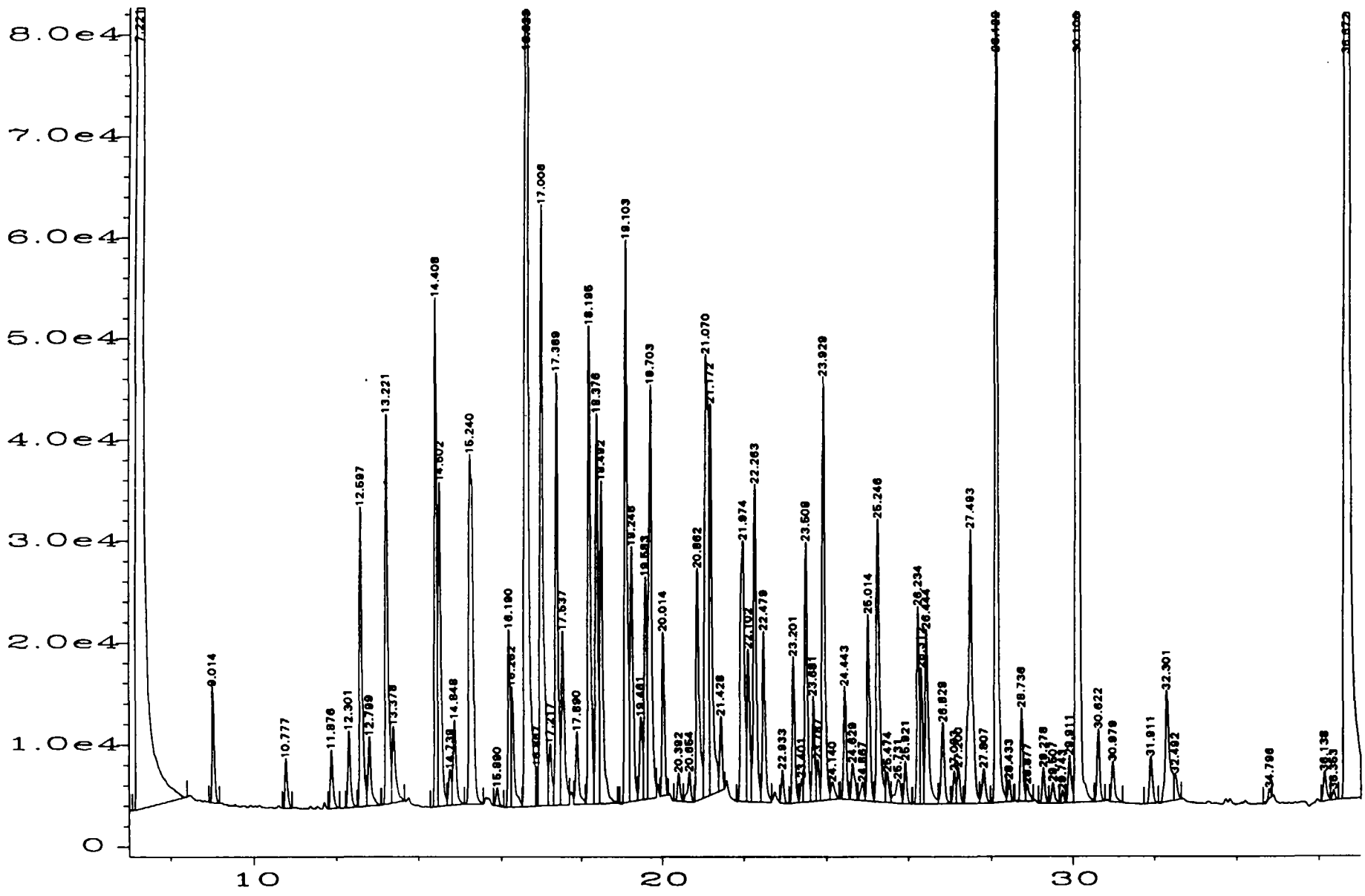
- | | | |
|----|---|------|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 101% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 107% |

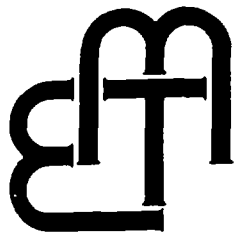
Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

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02014 PCB 1.5375g → 40ml 0.1M → 500µl sum 1000µl 7/20





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LABORATORY REPORT

111554-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-16
Sample No.: 02014

Report Date: 12/2/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

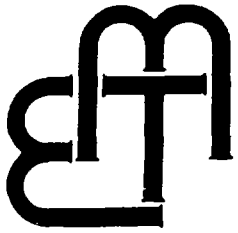
Sample received by EMT 11/22/94

Sample analyzed for Total Metals 11/30/94

Sample extracted for PCB's 11/23/94

Sample analyzed for PCB's 11/30/94

LABORATORY DIRECTOR



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LABORATORY REPORT

111485

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-16
Sample No.: 02014

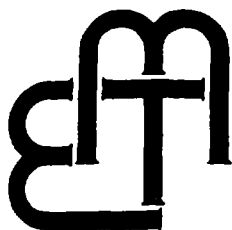
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehn

LABORATORY DIRECTOR



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LABORATORY REPORT

111362

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/30/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-18
Sample No.: 02015

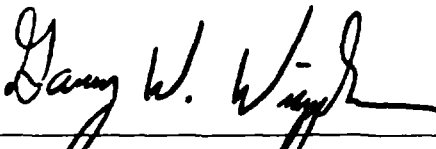
Arsenic	9.16
Barium	157.9
Cadmium	126
Chromium	77.9
Copper	6740
Lead	1370
Mercury	27.8
Nickel	147
Selenium	6.11
Silver	16.8
Zinc	4210

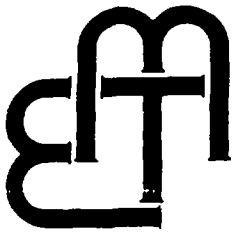
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.


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LABORATORY REPORT

111430

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-18
Sample No.: 02015

Report Date: 11/30/94
Sample Received: 11/22/94

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<50000	<0.08	50000	250000
PCB 1232	<50000	<0.08	50000	250000
PCB 1016 (1242)	273000	<0.08	50000	250000
PCB 1248	<50000	<0.08	50000	250000
PCB 1254	235000	<0.08	50000	500000
PCB 1260	<50000	<0.08	50000	500000
(Total PCB)	508000	<0.08	50000	----

Analysis reported on a dry weight basis.

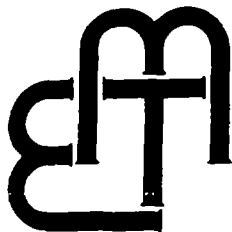
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zuber

LABORATORY DIRECTOR



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LABORATORY REPORT

111430-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-18
Sample No.: 02015

Report Date: 12/1/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|-----|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 84% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 90% |

Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehn

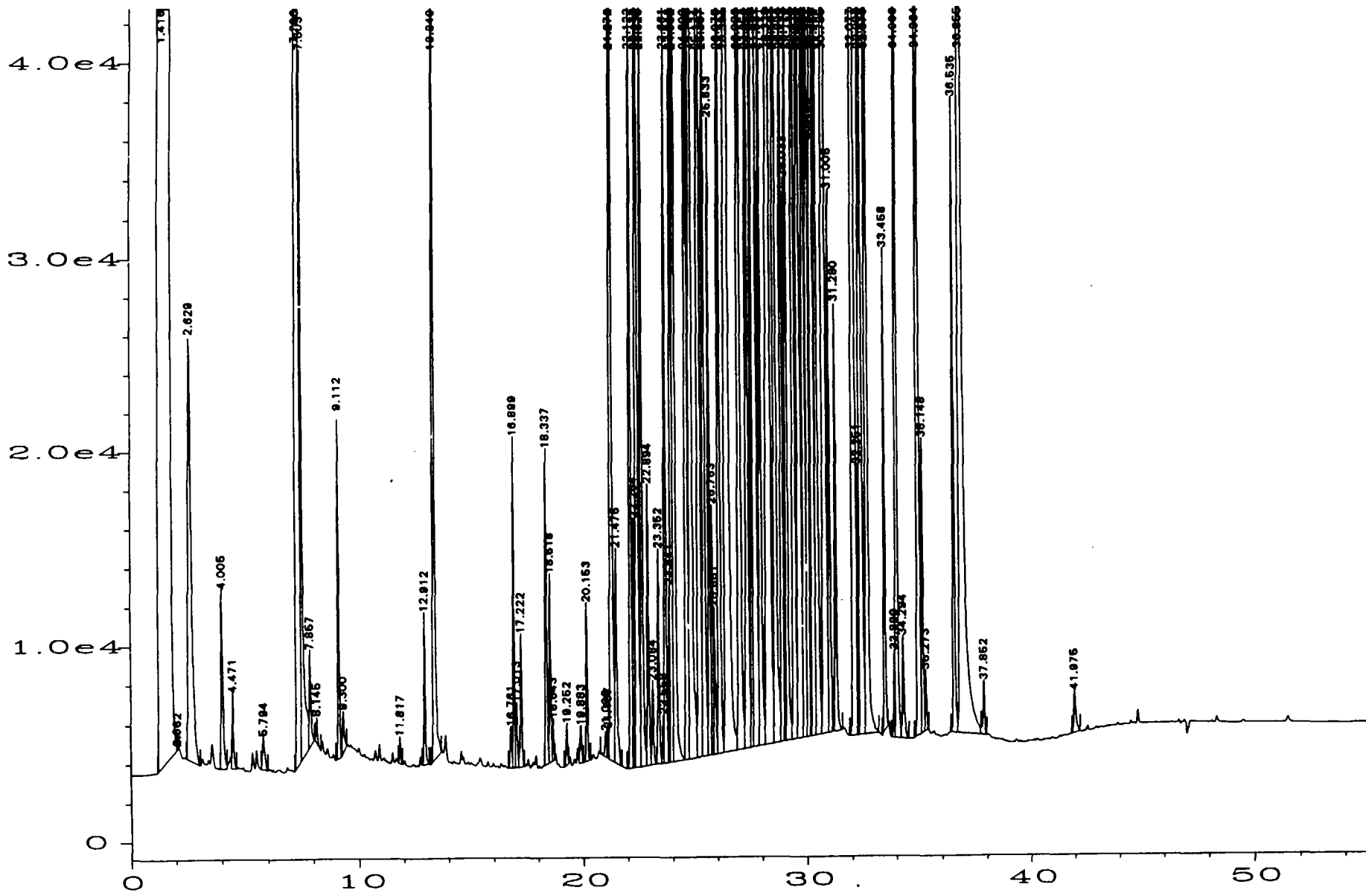
LABORATORY DIRECTOR

Chromatogram showing detector response versus time (minutes). The x-axis ranges from 0 to 30 minutes. The y-axis represents intensity, with a scale from 0 to 1.0. Numerous sharp peaks are visible, each labeled with its retention time.

Retention Time (min)
4.924
5.949
6.244
7.368
7.667
10.374
11.681
12.914
13.276
13.817
14.521
14.923
15.132
15.518
15.790
16.041
16.169
16.886
17.480
17.726
17.831
18.282
18.860
19.373
19.837
20.147
20.268
20.683
21.102
21.307
21.708
22.088
22.445
22.615
23.114
23.504
23.730
23.931
24.210
26.127
26.241
26.802
28.133
28.748
29.712

1967 pcs 1.8224g → 40ul, 1.5ml → 500ul, 50ul → 1000ul I
5.0005 → 5.0005

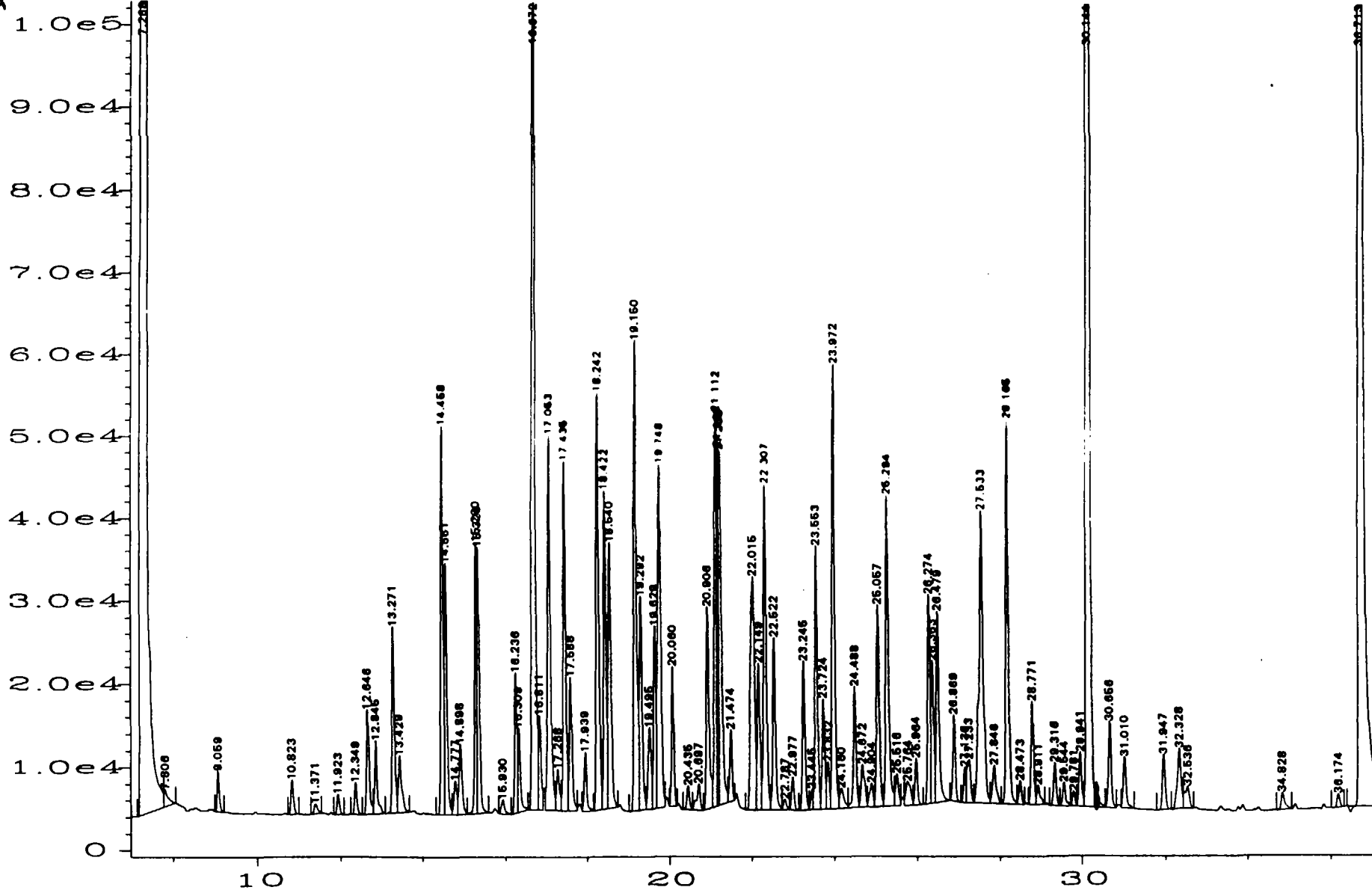
22/11 10005 10008 ← 542281 and 961
10051115



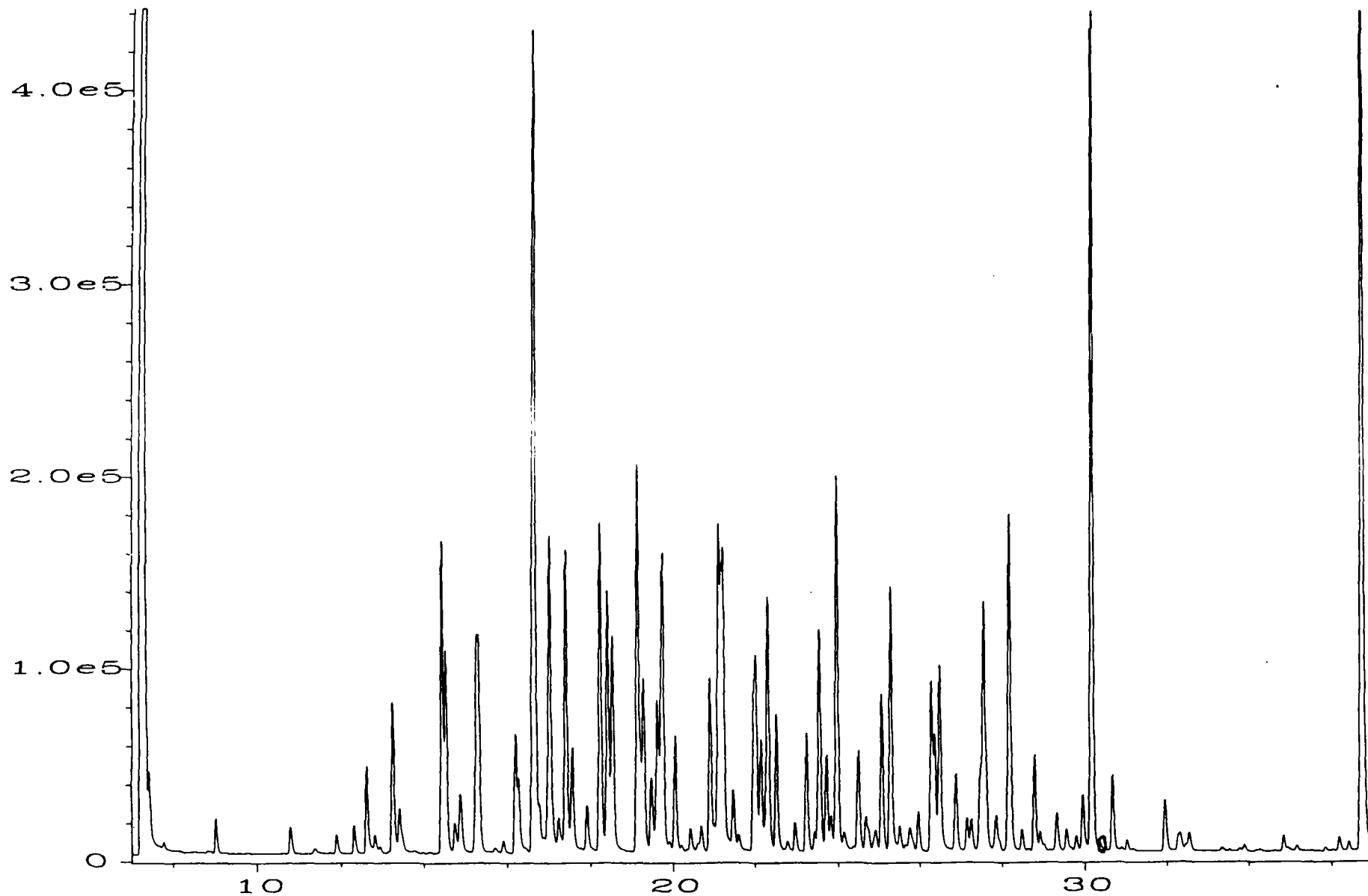
C:\HPCHEM\2\DATA\z941123\007F0701.D

02015 PCB 1.5/89g to 40ml 0.5ml to 500ml 100µl to 500µl

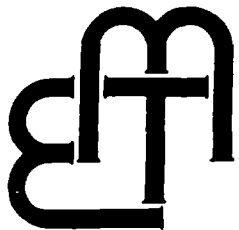
Sum Area: 11



02015 PCB - original run



C:\HPCHEM\2\DATA\Z941124\0005F0501.D



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LABORATORY REPORT

111515

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-18
Sample No.: 02015

Report Date: 12/1/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

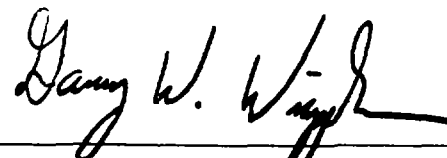
Sample relinquished by Riedel Environmental 11/22/94

Sample Received by EMT 11/22/94

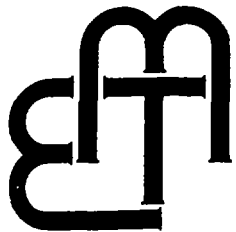
Sample analyzed for Total Metals 11/30/94

Sample extracted PCB's 11/23/94

Sample analyzed for PCB's 11/27/94



LABORATORY DIRECTOR



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LABORATORY REPORT

111486

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-18
Sample No.: 02015

Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zuber

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
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LABORATORY REPORT

111363

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-19
Sample No.: 02016

Report Date: 11/30/94
Sample Received: 11/22/94

Arsenic	23.6
Barium	103
Cadmium	81.1
Chromium	123
Copper	503000
Lead	955
Mercury	16.3
Nickel	226
Selenium	7.19
Silver	6.57
Zinc	2870

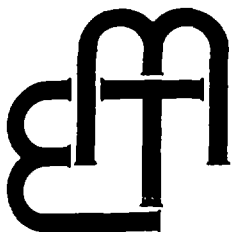
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



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LABORATORY REPORT

111431

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/30/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-19
Sample No.: 02016

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<40000	<0.08	40000	200000
PCB 1232	<40000	<0.08	40000	200000
PCB 1016 (1242)	307000	<0.08	40000	200000
PCB 1248	<40000	<0.08	40000	200000
PCB 1254	165000	<0.08	40000	400000
PCB 1260	<40000	<0.08	40000	400000
(Total PCB)	472000	<0.08	40000	----

Analysis reported on a dry weight basis.

All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

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LABORATORY DIRECTOR



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LABORATORY REPORT

111431-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-19
Sample No.: 02016

Report Date: 12/1/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|-----|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 96% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 93% |

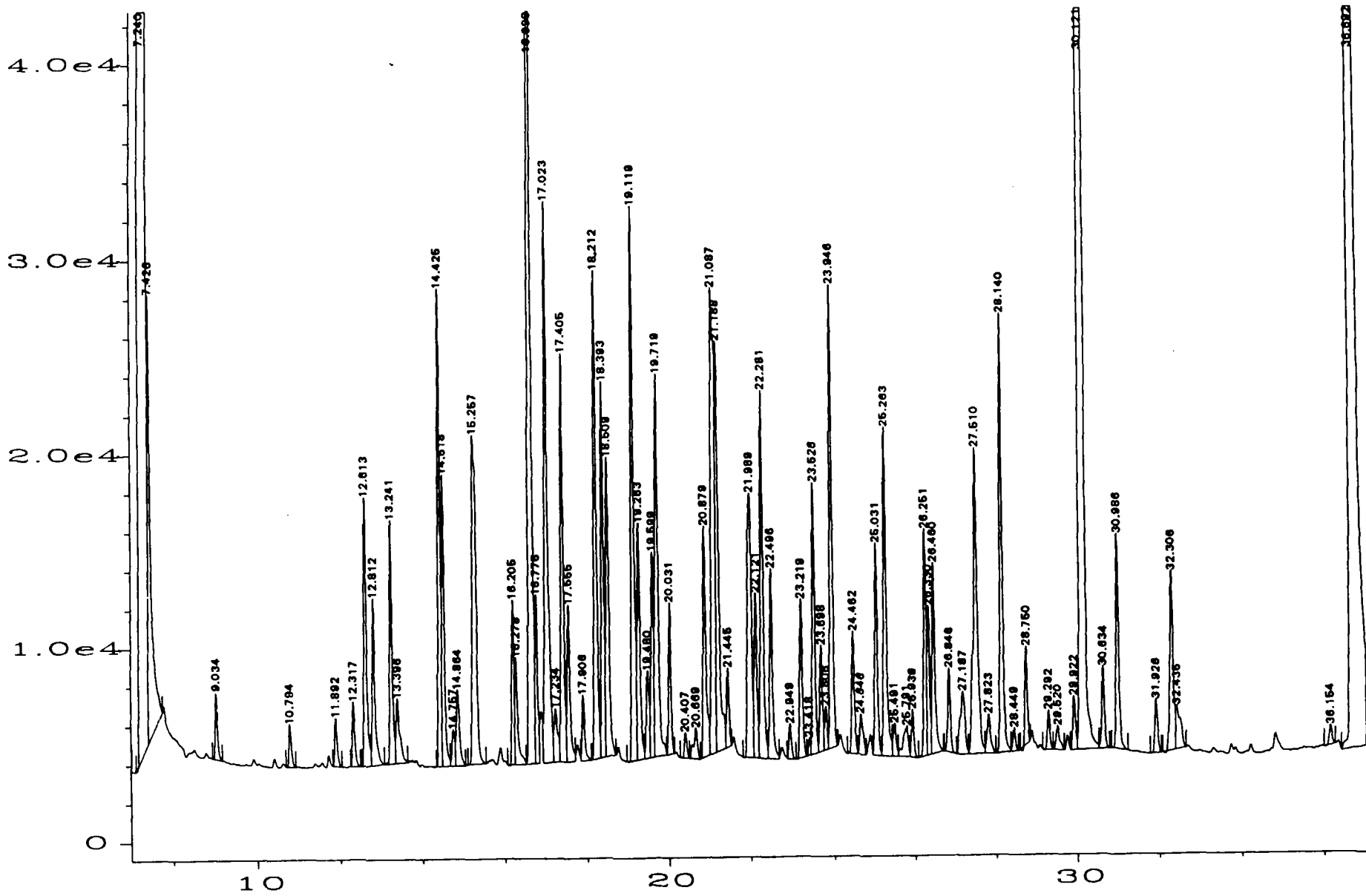
Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

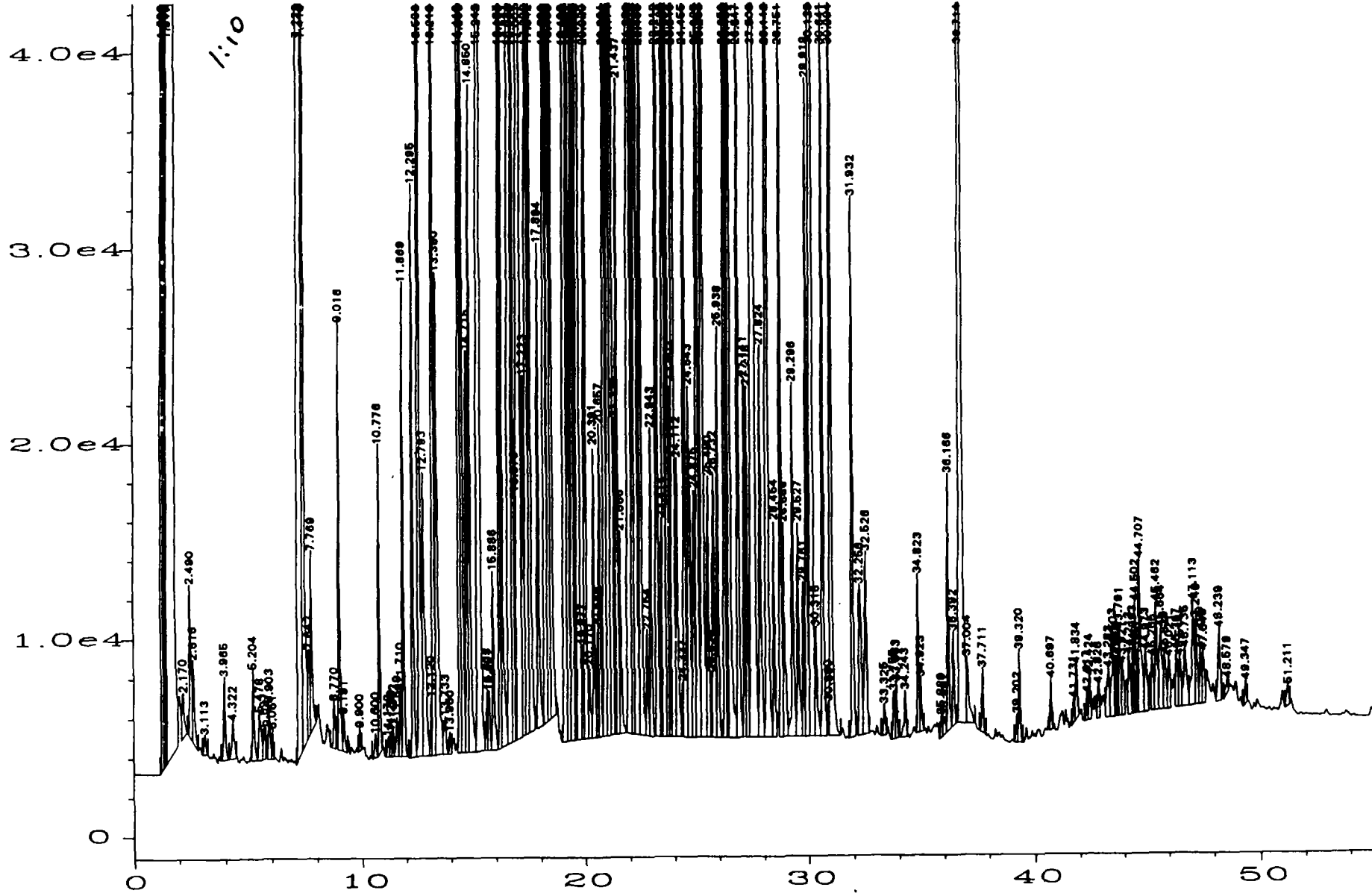
Leah E. Zehner

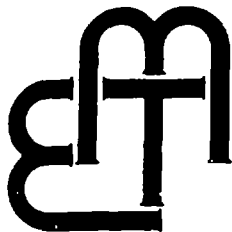
LABORATORY DIRECTOR

02016 PCB 1.7068g → 40ml 0.5ml → 500µl 1/3
sum 500µl



02016 org m





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LABORATORY REPORT

111516

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-19
Sample No.: 02016

Report Date: 12/1/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

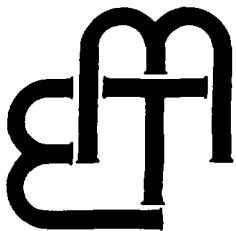
Sample Received by EMT 11/22/94

Sample analyzed for Total Metals 11/30/94

Sample extracted PCB's 11/26/94

Sample analyzed for PCB's 11/27/94

LABORATORY DIRECTOR



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LABORATORY REPORT

111487

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-19
Sample No.: 02016

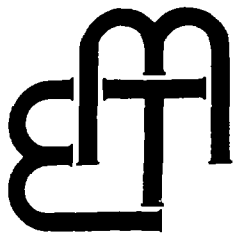
Report Date: 12/1/94
Sample Received: 11/22/94

Method. Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111258

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/29/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-17
Sample No.: 02017

Arsenic	29.4
Barium	3.35
Cadmium	15.2
Chromium	223
Copper	152000
Lead	233
Mercury	0.284
Nickel	172
Selenium	<0.40
Silver	<2.54
Zinc	<2.03

Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

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LABORATORY REPORT

111432

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/30/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-17
Sample No.: 02017

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<50000	<0.08	50000	250000
PCB 1232	<50000	<0.08	50000	250000
PCB 1016 (1242)	601000	<0.08	50000	250000
PCB 1248	<50000	<0.08	50000	250000
PCB 1254	252000	<0.08	50000	500000
PCB 1260	<50000	<0.08	50000	500000
(Total PCB)	853000	<0.08	50000	----

Analysis reported on a dry weight basis.

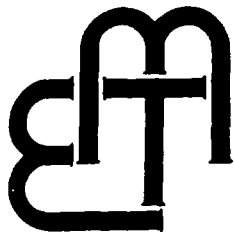
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR



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Morton Grove, Illinois 60053-3203
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FAX: 708/967-6735

LABORATORY REPORT

111432-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 12/1/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-17
Sample No.: 02017

PCB'S/Pesticides Surrogate Recoveries

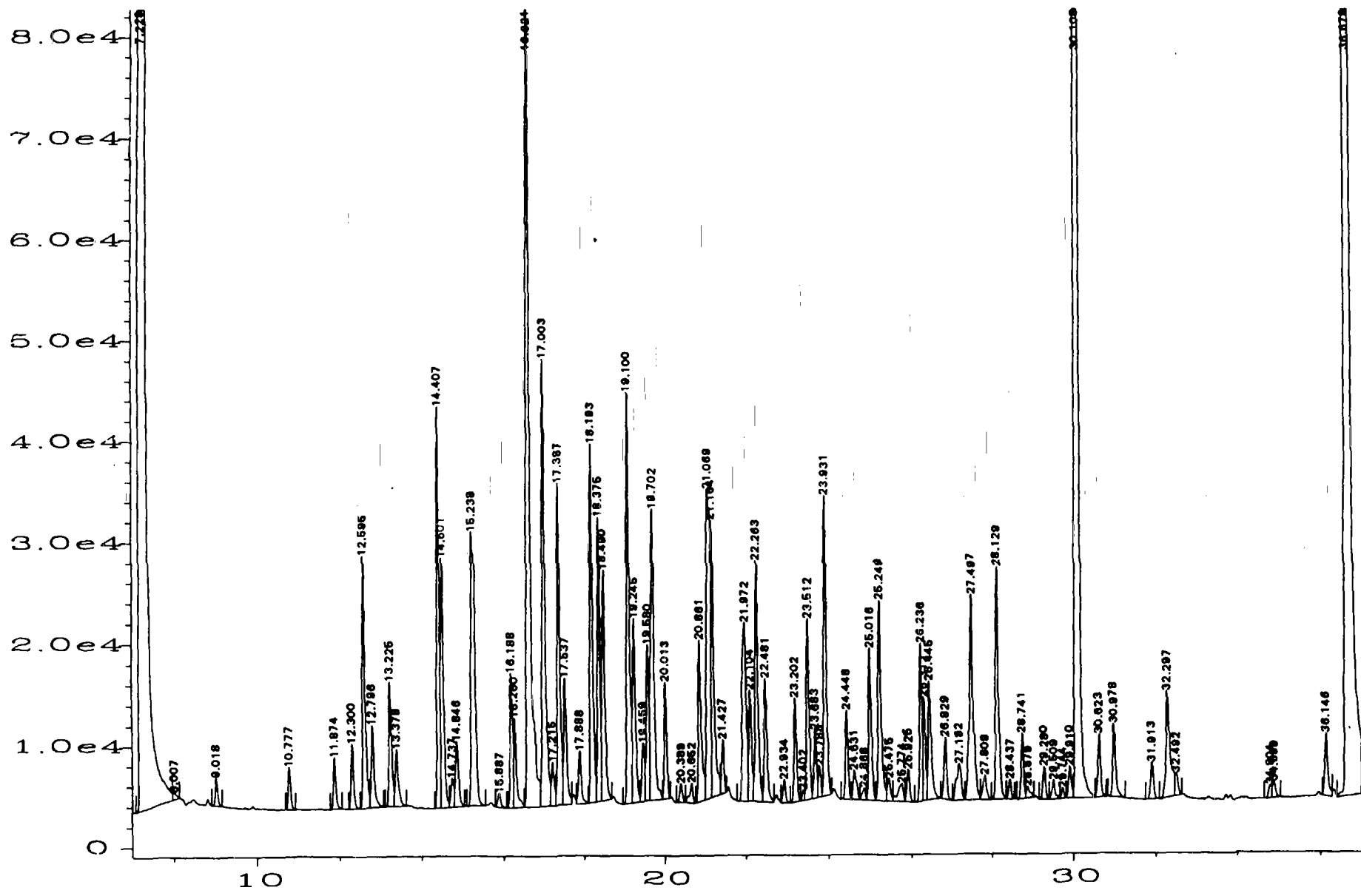
- | | | |
|----|---|-----|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 96% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 93% |

Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

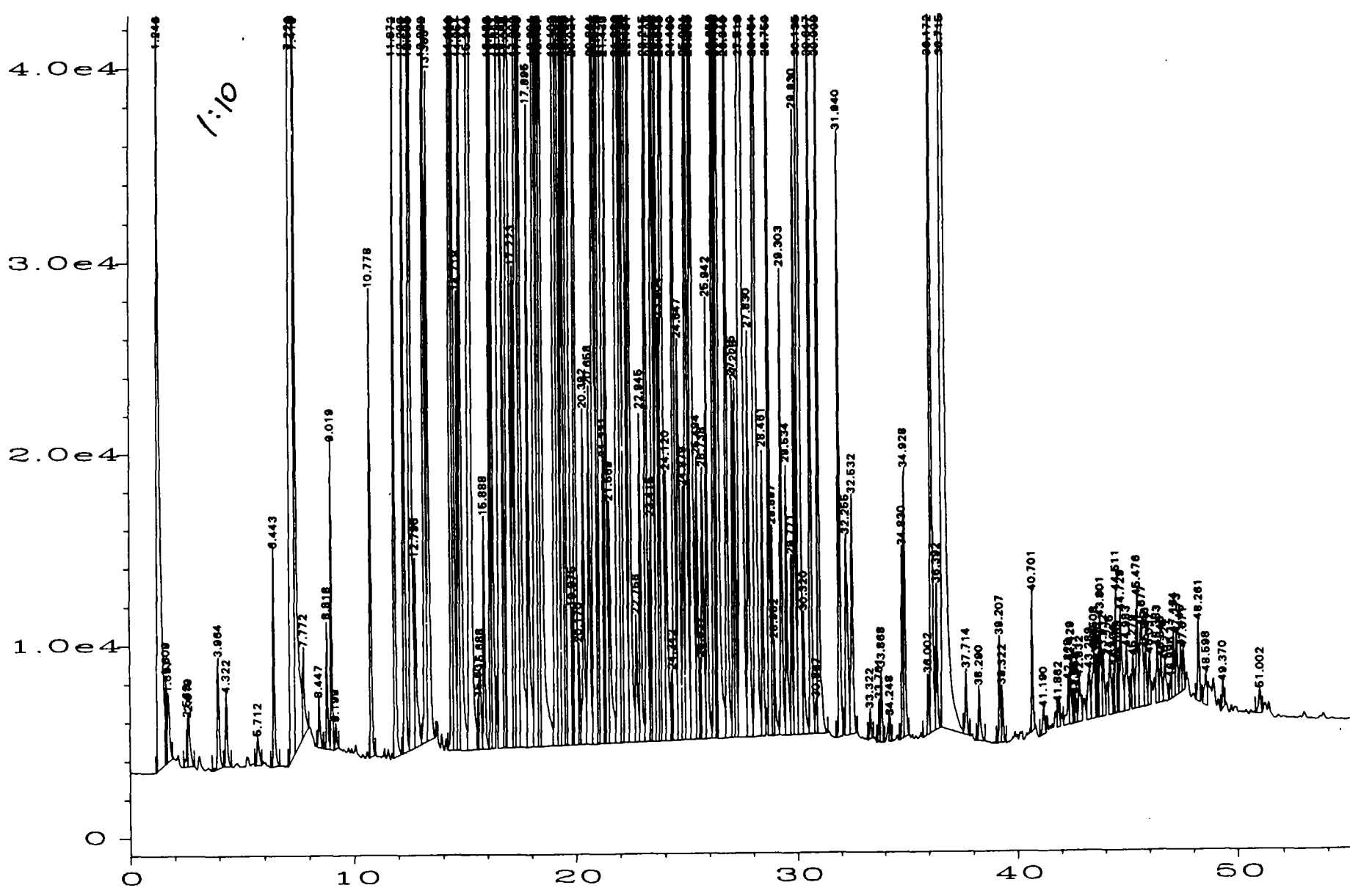
The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

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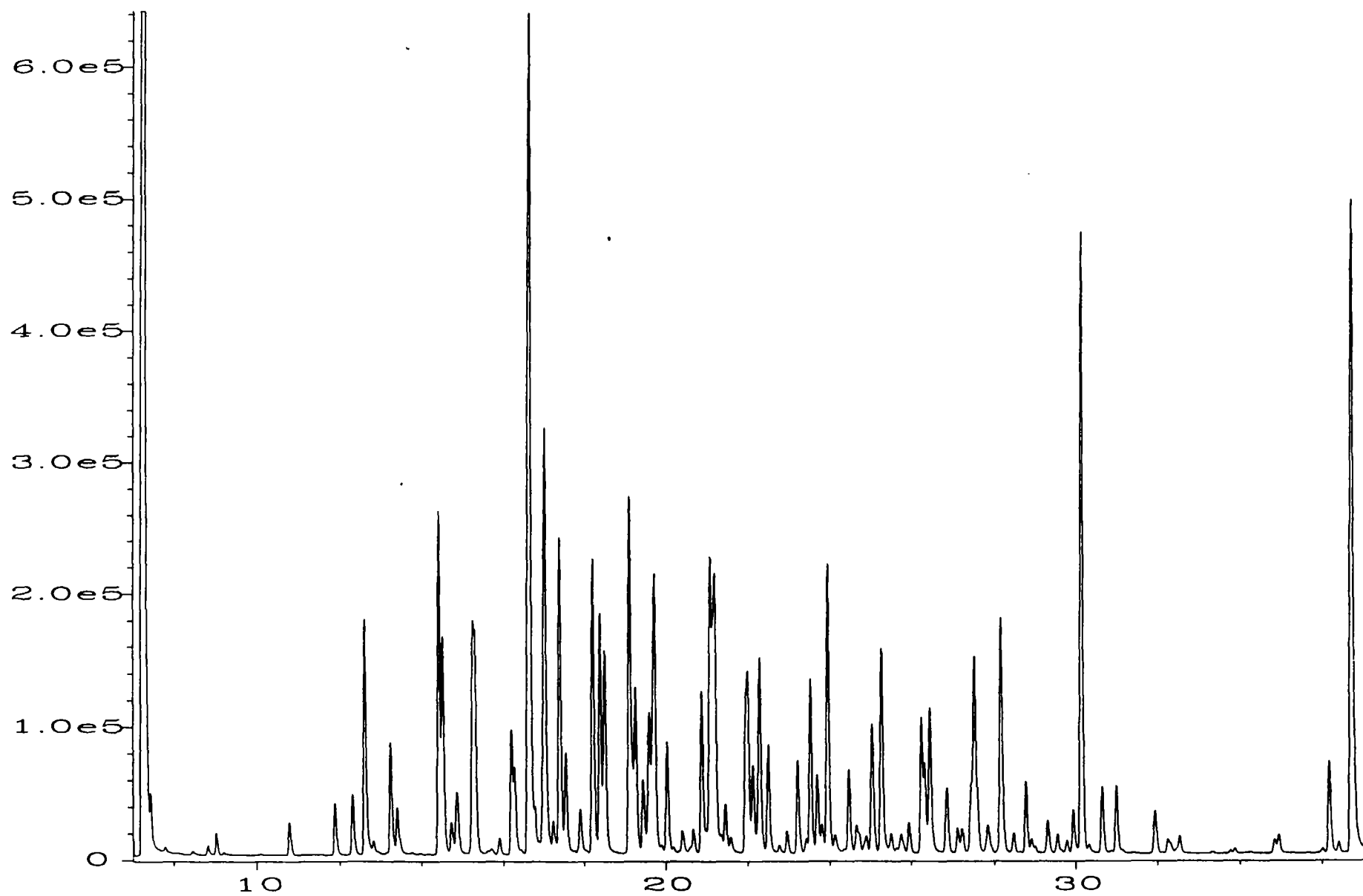
02017 PCB 1.5968g → 40ml 0.5ml → 500μl 50μl → 500μl

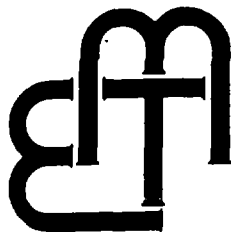


2017 PCB, 1.5962g → 4Dml, SDDnd, SdkR 500ul
orig run - expanded



avg run





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LABORATORY REPORT

111517

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

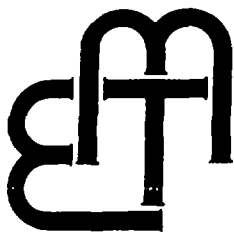
Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-17
Sample No.: 02017

Report Date: 12/1/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94
Sample Received by EMT 11/22/94
Sample analyzed for Total Metals 11/29/94
Sample extracted PCB's 11/26/94
Sample analyzed for PCB's 11/27/94

LABORATORY DIRECTOR



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LABORATORY REPORT

111488

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-17
Sample No.: 02017

Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111259

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-19
Sample No.: 02018

Report Date: 11/29/94
Sample Received: 11/22/94

Arsenic	<0.45
Barium	124
Cadmium	21.4
Chromium	146
Copper	214000
Lead	2030
Mercury	0.519
Nickel	146
Selenium	2.59
Silver	24.8
Zinc	10900

Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

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LABORATORY REPORT

111259-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/30/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-19
Sample No.: 02018

		Concentration Found In		Method Detection Limit (MDL)	Quantitation Limit
		<u>Sample</u> (ppb)	<u>Blank</u> (ppb)	<u>ug/kg (ppb)</u>	<u>ug/kg (ppb)</u>
PCB	1221	<2400	<0.08	2400	12000
PCB	1232	<2400	<0.08	2400	12000
PCB	1016 (1242)	13000	<0.08	2400	12000
PCB	1248	<2400	<0.08	2400	12000
PCB	1254	9630	<0.08	2400	24000
PCB	1260	<2400	<0.08	2400	24000
(Total PCB)		22630	<0.08	2400	----

Analysis reported on a dry weight basis.

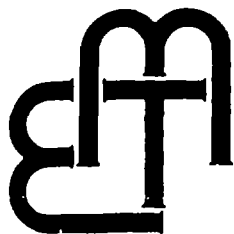
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

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LABORATORY DIRECTOR



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LABORATORY REPORT

111259-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-19
Sample No.: 02018

Report Date: 12/1/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|------|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 95% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 106% |

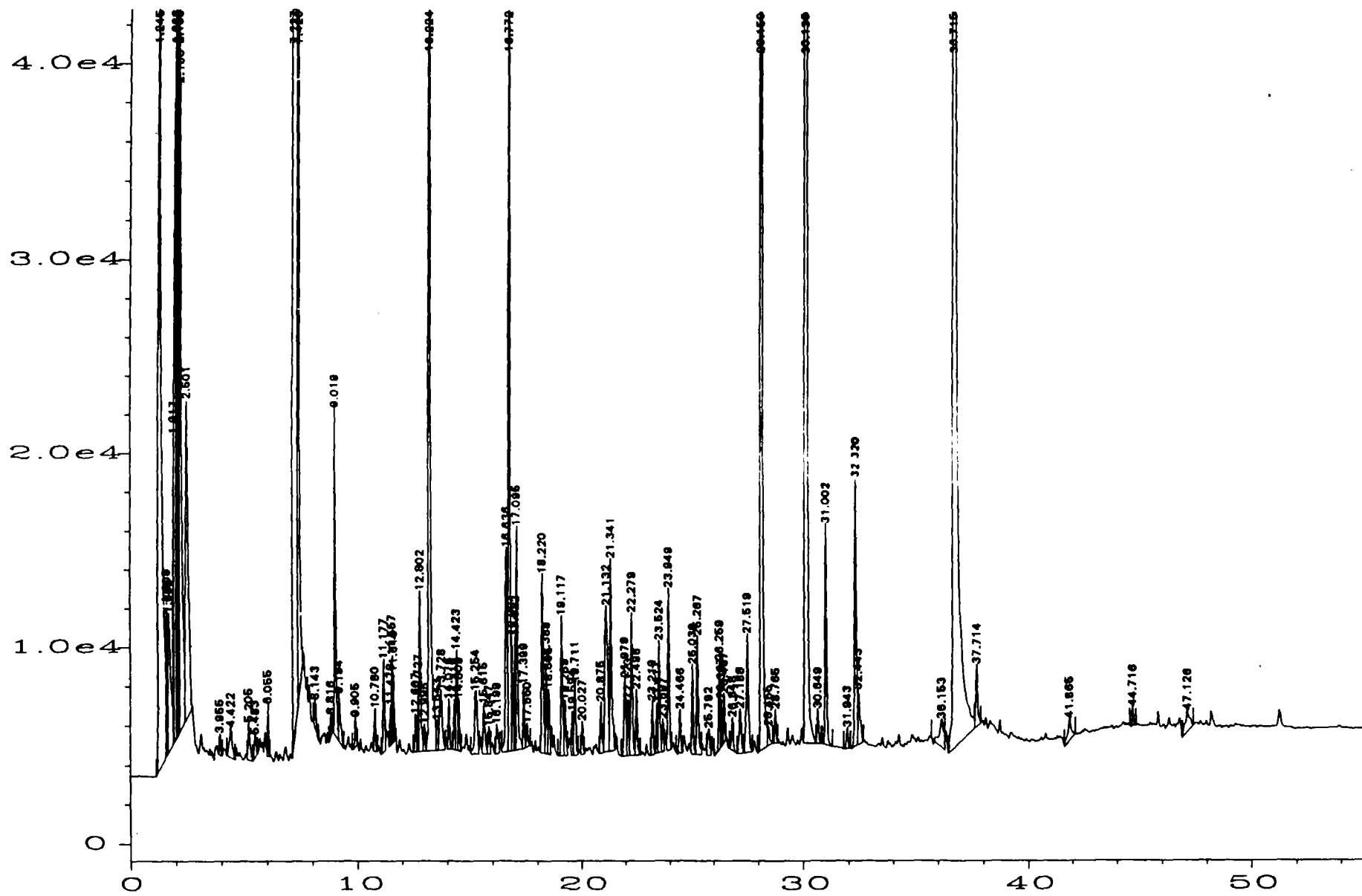
Methods performed according to SV-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

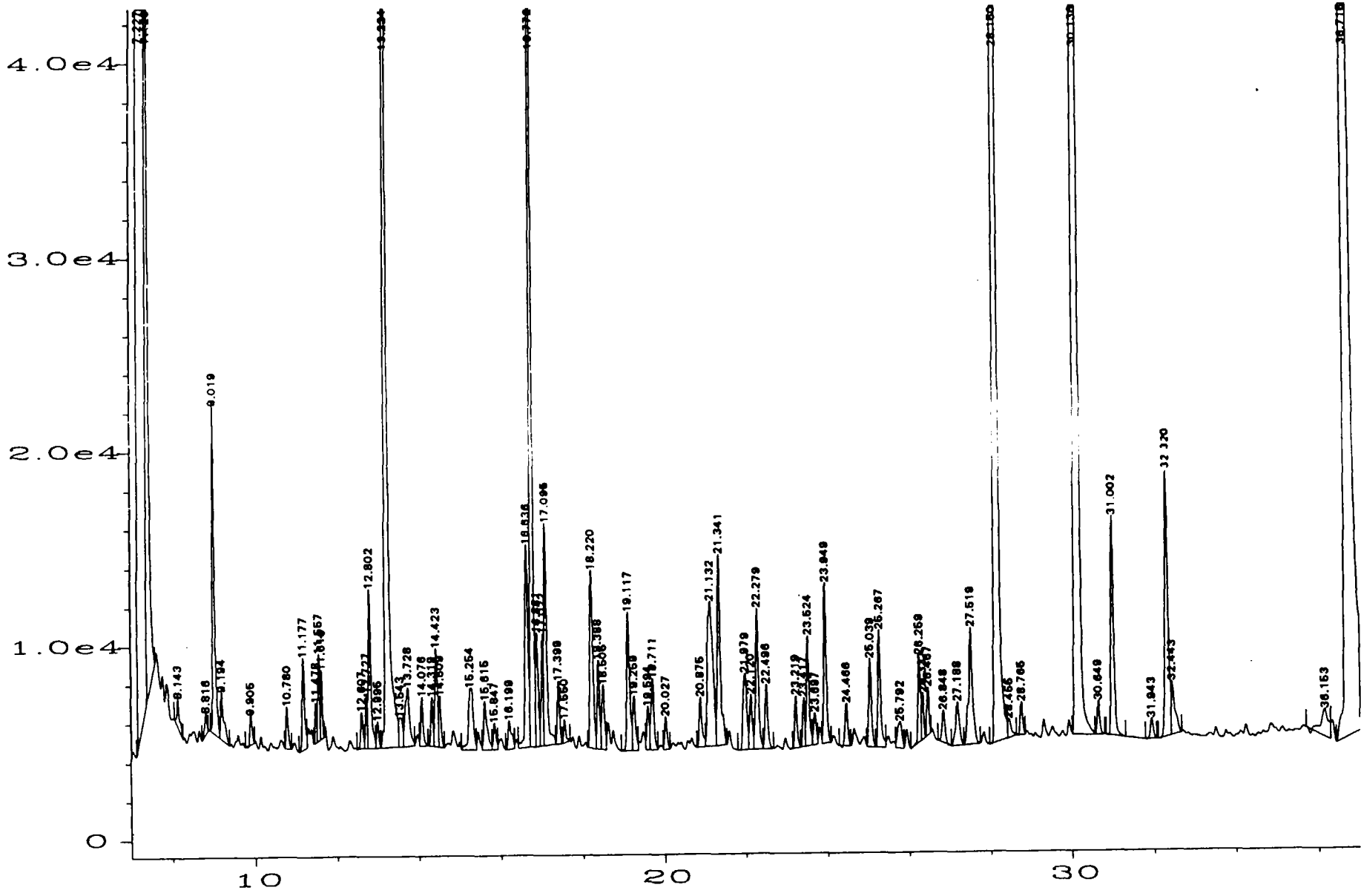
LABORATORY DIRECTOR

2018 PCB, 1.2493g → 40ml, 500ul. SMA. 500ul.

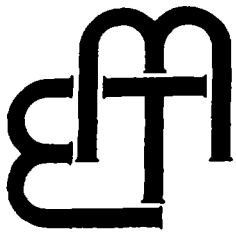


2018

expanded.



C:\NPPCHEM\2\DATA\Z941124\033F3301.D



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LABORATORY REPORT

111518

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-19
Sample No.: 02018

Report Date: 12/1/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

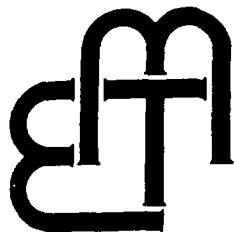
Sample Received by EMT 11/22/94

Sample analyzed for Total Metals 11/29/94

Sample extracted PCB's 11/26/94

Sample analyzed for PCB's 11/27/94

LABORATORY DIRECTOR



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LABORATORY REPORT

111489

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-19
Sample No.: 02018

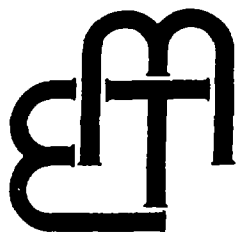
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111433-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-15A
Sample No.: 02031

Report Date: 12/1/94
Sample Received: 11/22/94

Arsenic	4.1
Barium	130
Cadmium	110
Chromium	53
Copper	150,000
Lead	600
Mercury	30
Nickel	48
Selenium	5.1
Silver	<2.5
Zinc	1300

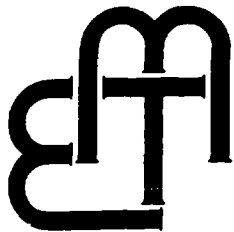
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

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LABORATORY REPORT

111433

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-15A
Sample No.: 02031

Report Date: 11/30/94
Sample Received: 11/22/94

	Concentration Found In :		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	Sample (ppb)	Blank (ppb)		
PCB 1221	<30000	<0.08	30000	150000
PCB 1232	<30000	<0.08	30000	150000
PCB 1016 (1242)	135000	<0.08	30000	150000
PCB 1248	<30000	<0.08	30000	150000
PCB 1254	176000	<0.08	30000	300000
PCB 1260	<30000	<0.08	30000	300000
(Total PCB)	311000	<0.08	30000	----

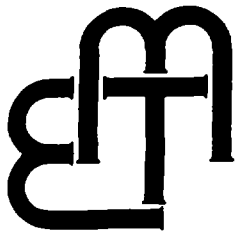
Analysis reported on a dry weight basis.

All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

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LABORATORY REPORT

111433-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-15A
Sample No.: 02031

Report Date: 12/1/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|-----|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 90% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 94% |

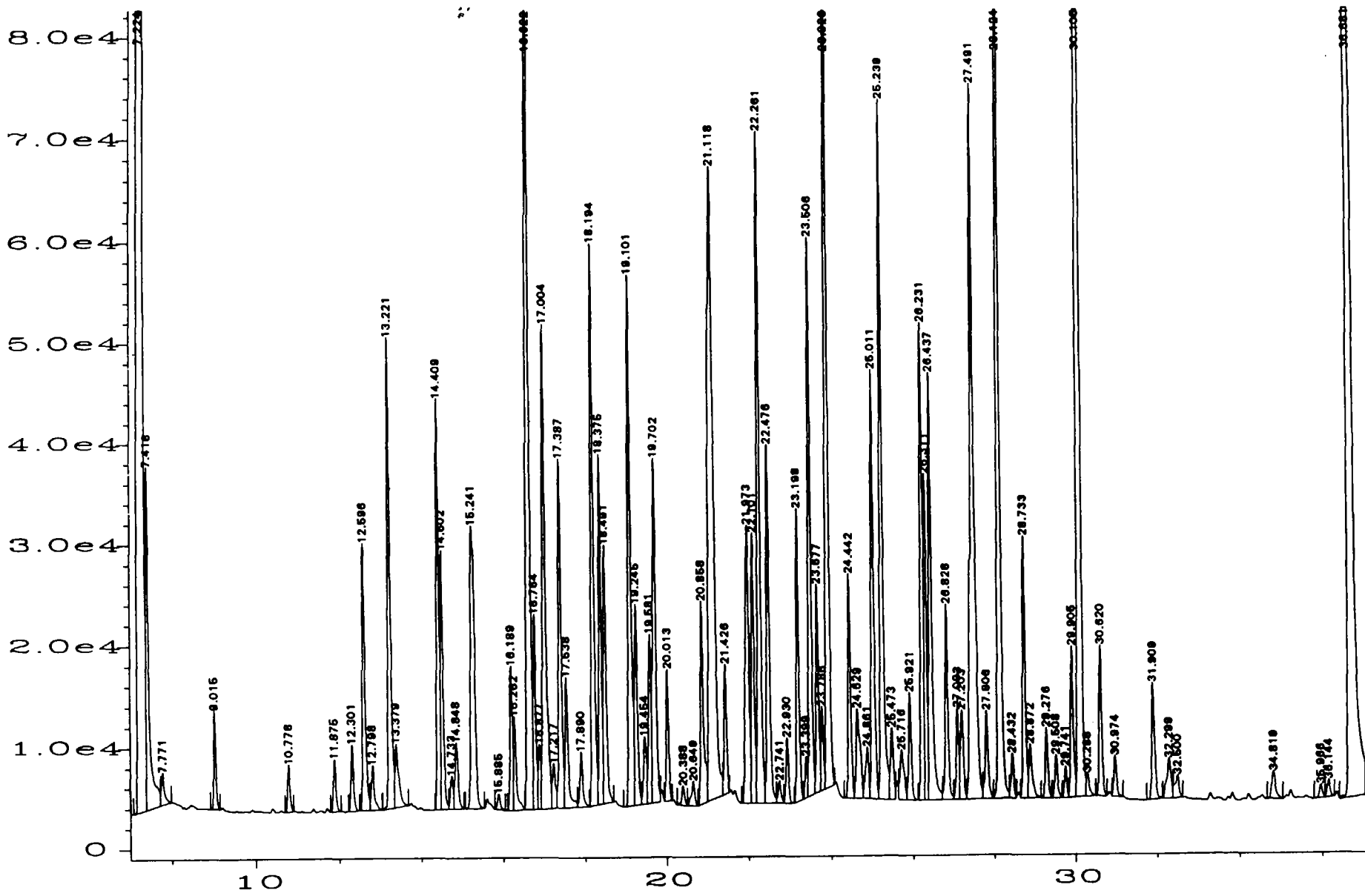
Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

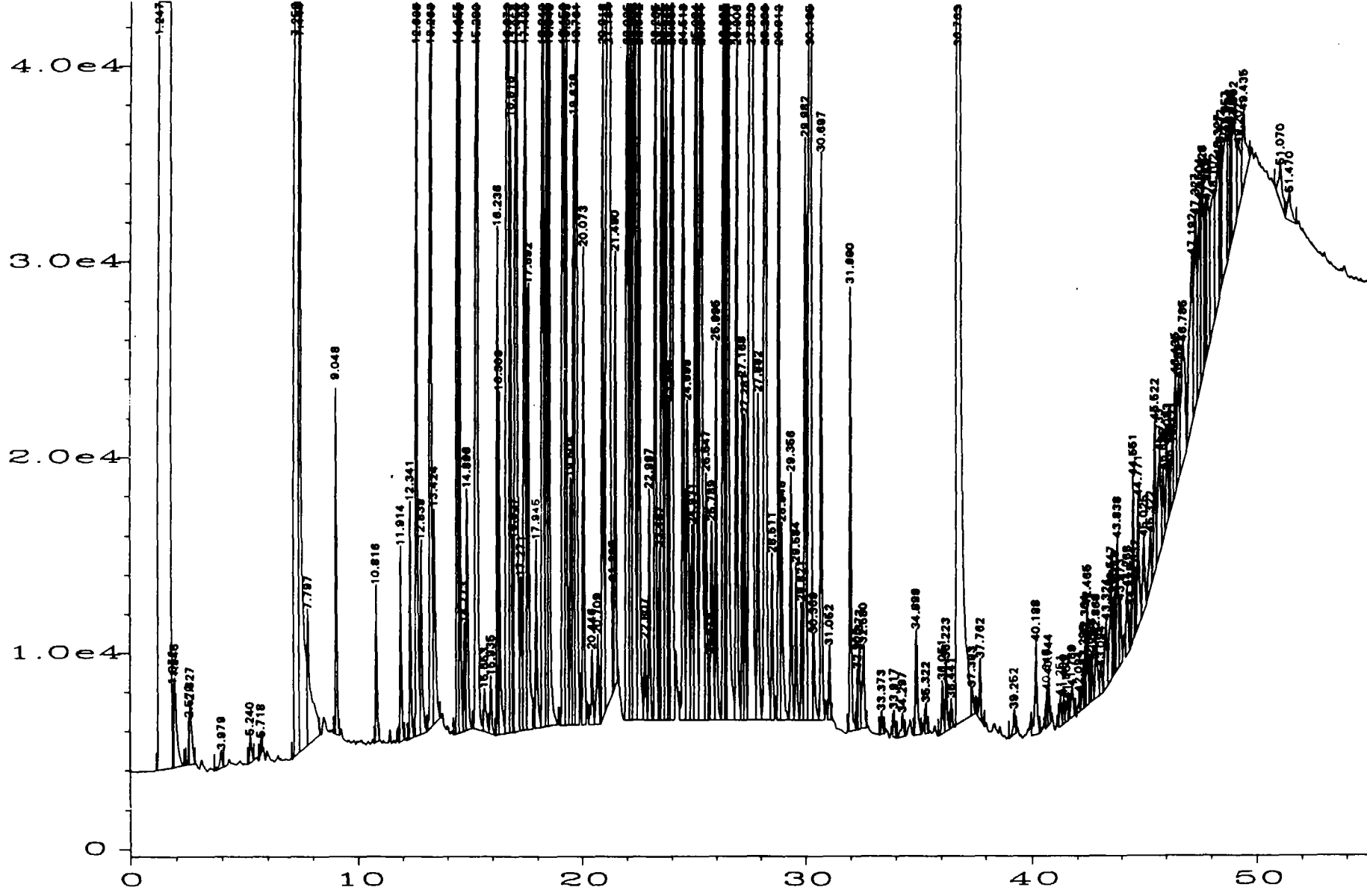
Leah E. Zehr

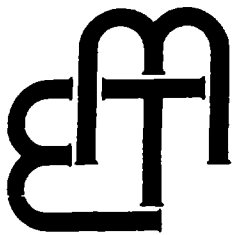
LABORATORY DIRECTOR

02031 PCS 1.2166g → 40ml 0.5ml → 1000µl %s sur 500µ



203/ 1:2 dilution





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LABORATORY REPORT

111519

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-15A
Sample No.: 02031

Report Date: 12/1/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

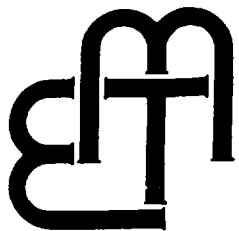
Sample Received by EMT 11/22/94

Sample analyzed for Total Metals 11/30/94

Sample extracted PCB's 11/26/94

Sample analyzed for PCB's 11/27/94

LABORATORY DIRECTOR



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LABORATORY REPORT

111490

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-15A
Sample No.: 02031

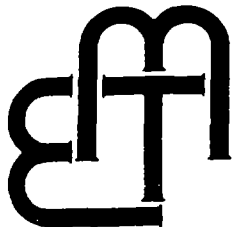
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zuber

LABORATORY DIRECTOR



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FAX: 708/967-6735

LABORATORY REPORT

111260

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/29/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYF-16
Sample No.: 02032

Arsenic	0.52
Barium	3.93
Cadmium	<0.81
Chromium	1.11
Copper	806000
Lead	1110
Mercury	0.978
Nickel	4.03
Selenium	0.43
Silver	3.53
Zinc	<2.02

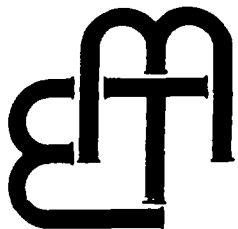
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

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LABORATORY REPORT

111551

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYF-16
Sample No.: 02032

Report Date: 12/2/94
Sample Received: 11/22/94

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<40000	<0.08	40000	200000
PCB 1232	<40000	<0.08	40000	200000
PCB 1016 (1242)	156000	<0.08	40000	200000
PCB 1248	<40000	<0.08	40000	200000
PCB 1254	<40000	<0.08	40000	400000
PCB 1260	<40000	<0.08	40000	400000
(Total PCB)	465000	<0.08	40000	----

Analysis reported on a dry weight basis.

All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehner

LABORATORY DIRECTOR



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LABORATORY REPORT

111551-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYF-16
Sample No.: 02032

Report Date: 12/2/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|------|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 100% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 116% |

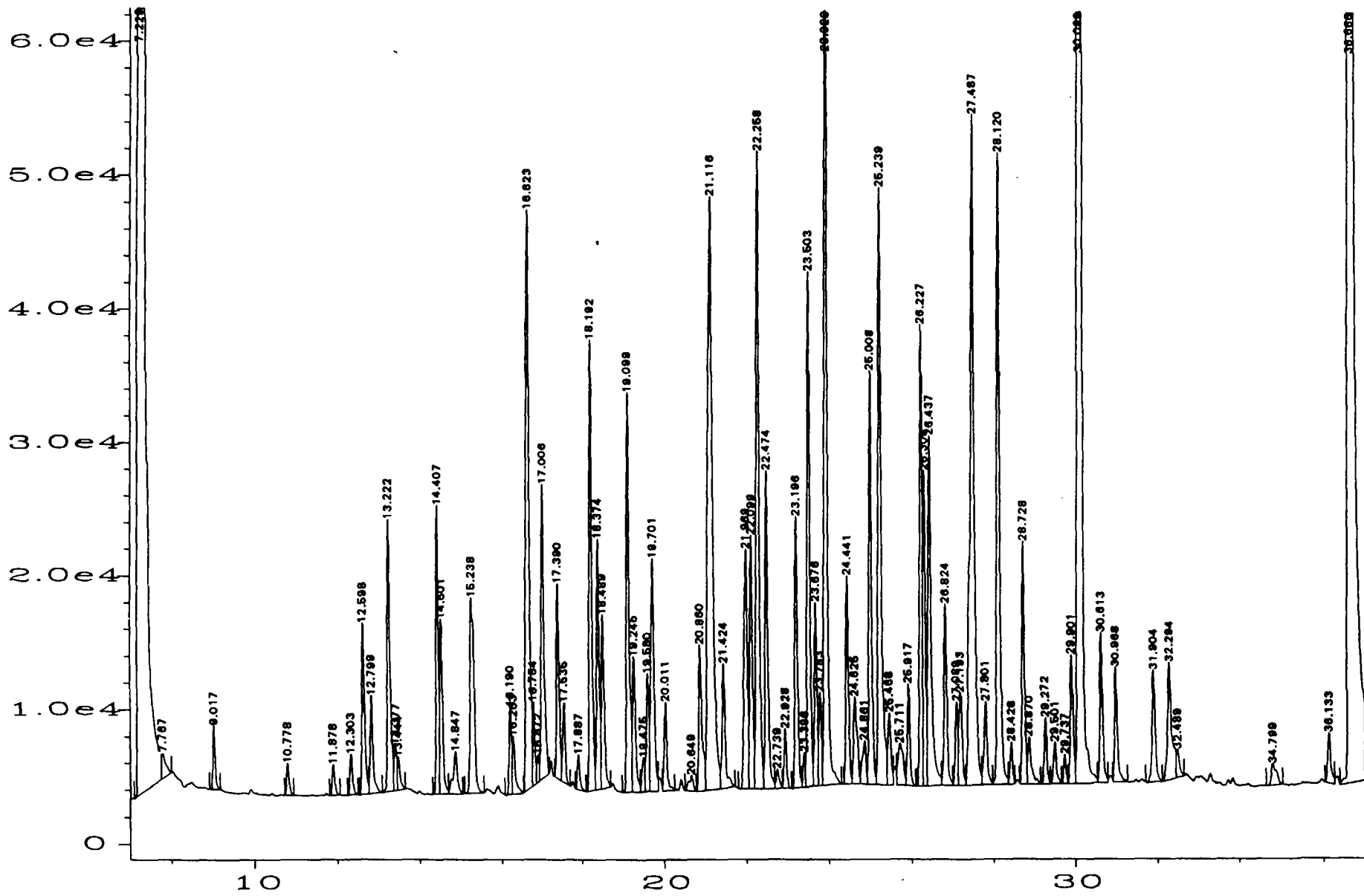
Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

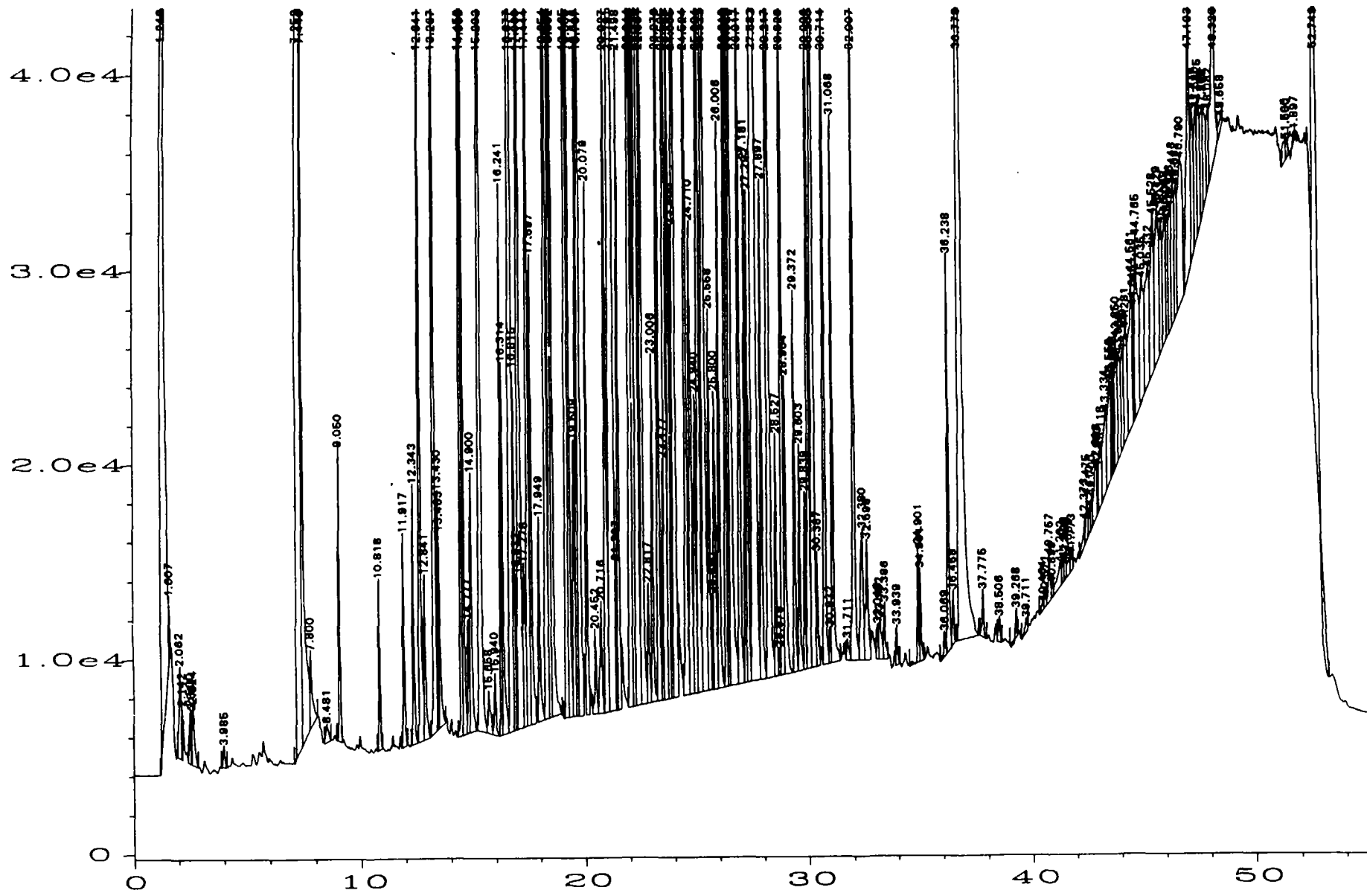
LABORATORY DIRECTOR

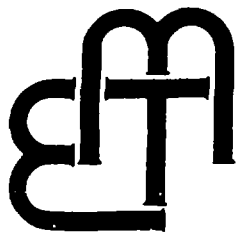
0.2032 Pcs 1.4687g → 40ml 0.5ml → 500μl 100μl → 500μl
500μl/500μl



2032

1:5





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LABORATORY REPORT

111551-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYF-16
Sample No.: 02032

Report Date: 12/2/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

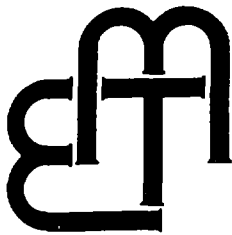
Sample received by EMT 11/22/94

Sample analyzed for Total Metals 11/29/94

Sample extracted for PCB's 11/26/94

Sample analyzed for PCB's 11/29/94

LABORATORY DIRECTOR



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LABORATORY REPORT

111491

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYF-16
Sample No.: 02032

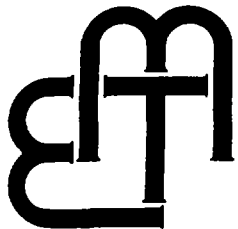
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehn

LABORATORY DIRECTOR



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LABORATORY REPORT

111625

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYK-11
Sample No.: 02033

Report Date: 12/1/94
Sample Received: 11/22/94

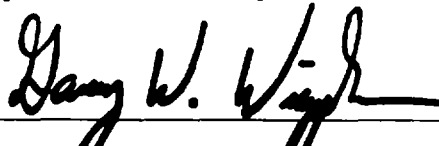
Arsenic	<3.00
Barium	6.60
Cadmium	<0.80
Chromium	6.90
Copper	540000
Lead	3200
Mercury	0.320
Nickel	11.0
Selenium	0.690
Silver	<2.50
Zinc	<2.00

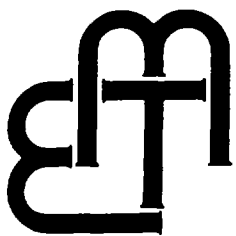
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.


LABORATORY DIRECTOR



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LABORATORY REPORT

111367-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/30/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYK-11
Sample No.: 02033

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<420	<0.08	420	2100
PCB 1232	<420	<0.08	420	2100
PCB 1016 (1242)	2100	<0.08	420	2100
PCB 1248	<420	<0.08	420	2100
PCB 1254	1200	<0.08	420	4200
PCB 1260	<420	<0.08	420	4200
(Total PCB)	3300	<0.08	420	----

Analysis reported on a dry weight basis.

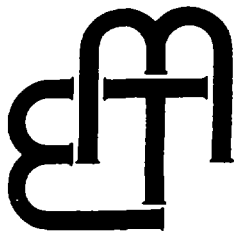
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111367-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYK-11
Sample No.: 02033

Report Date: 12/1/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|------|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 102% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 101% |

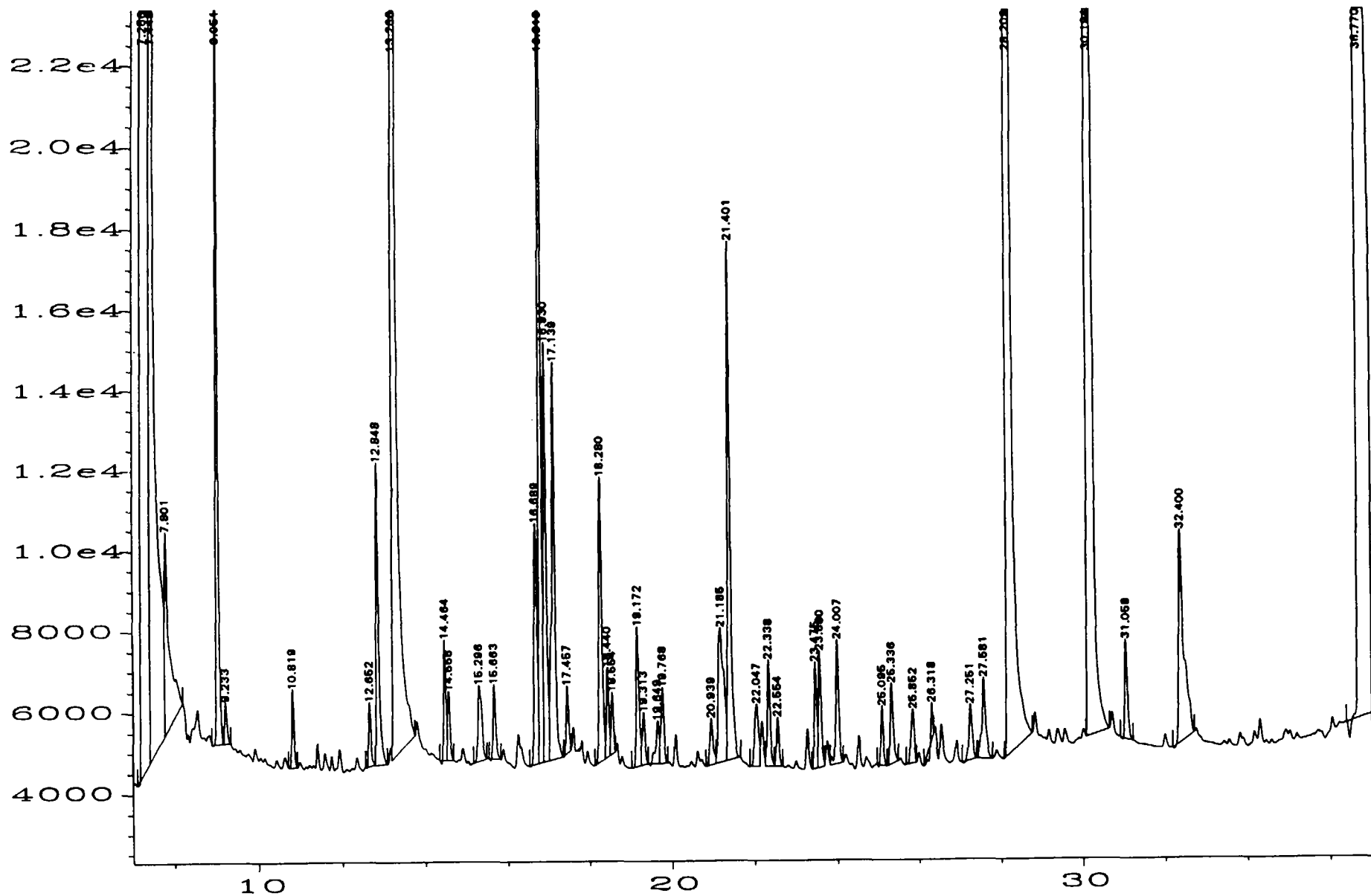
Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

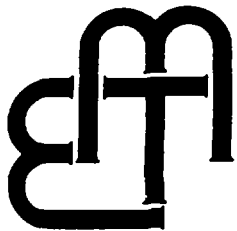
The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR

2033 PCB 1.604/g ~ 40mL 500µL but 500µL 11/23





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FAX: 708/967-6735

LABORATORY REPORT

111520

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 12/1/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYK-11
Sample No.: 02033

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

Sample Received by EMT 11/22/94

Sample analyzed for Total Metals 11/30/94

Sample extracted PCB's 11/26/94

Sample analyzed for PCB's 11/27/94

LABORATORY DIRECTOR



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FAX: 708/967-6735

LABORATORY REPORT

111492

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYK-11
Sample No.: 02033

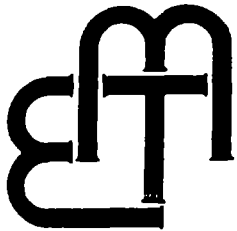
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111364

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/30/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-10
Sample No.: 02034

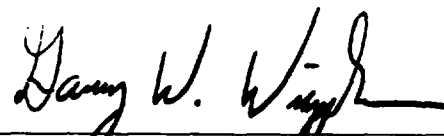
Arsenic	14.7
Barium	199
Cadmium	136
Chromium	136
Copper	189000
Lead	1680
Mercury	25.2
Nickel	419.7
Selenium	167.9
Silver	8.71
Zinc	4930

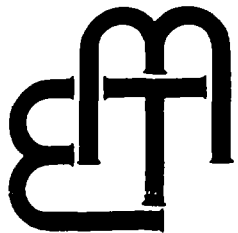
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.


LABORATORY DIRECTOR



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LABORATORY REPORT

111434

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/30/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-10
Sample No.: 02034

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<100000	<0.08	100000	500000
PCB 1232	<100000	<0.08	100000	500000
PCB 1016 (1242)	846000	<0.08	100000	500000
PCB 1248	<100000	<0.08	100000	500000
PCB 1254	425000	<0.08	100000	1000000
PCB 1260	<100000	<0.08	100000	1000000
(Total PCB)	1271000	<0.08	100000	----

Analysis reported on a dry weight basis.

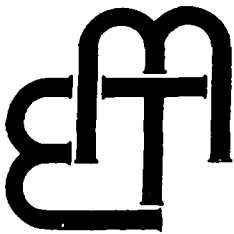
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111434-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 12/1/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-10
Sample No.: 02034

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|------|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 93% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 117% |

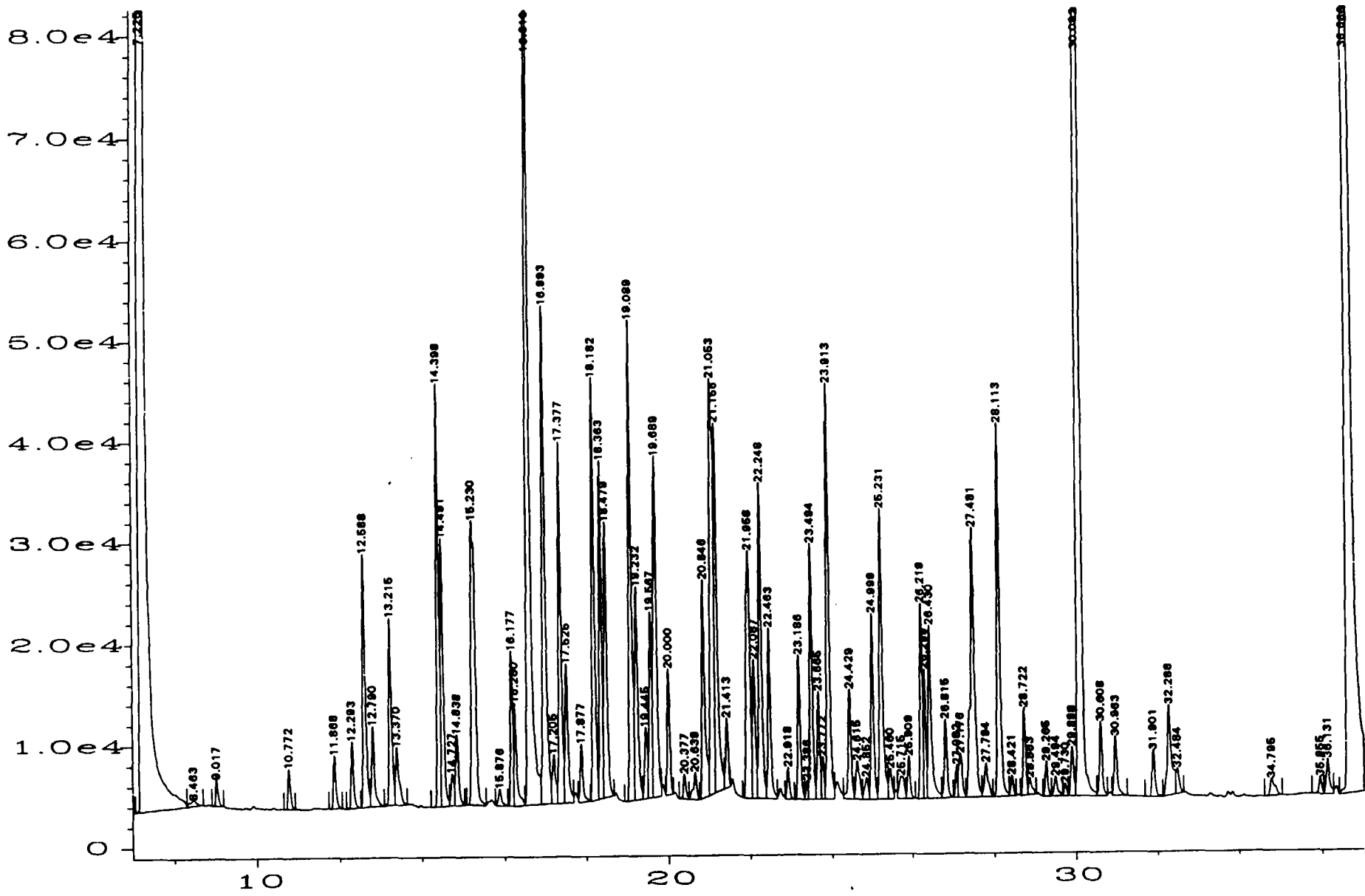
Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehner

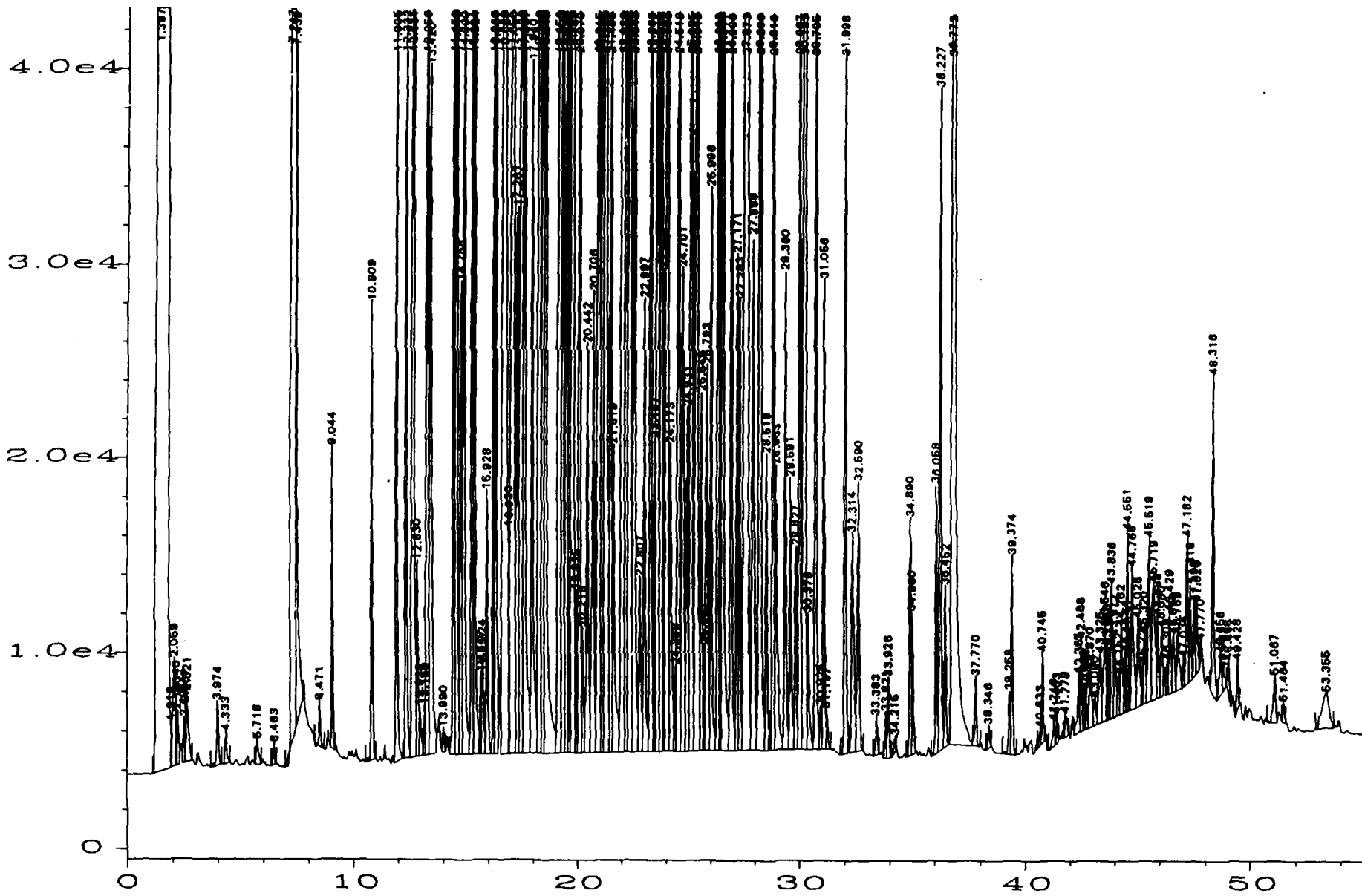
LABORATORY DIRECTOR

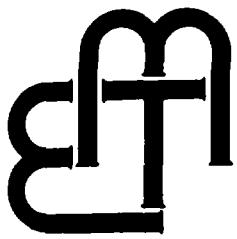
02034 PCS 1.2361g - 40ml 0.5ml - 500ul 500ul



C:\NPPCHEM\2\DATA\N2941.127\N046F4501.D

2034 1:10 dilution





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LABORATORY REPORT

111522

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-10
Sample No.: 02035

Report Date: 12/1/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

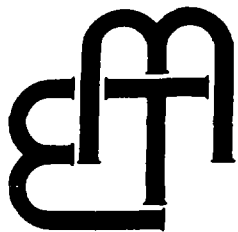
Sample Received by EMT 11/22/94

Sample analyzed for Total Metals 11/30/94

Sample extracted PCB's 11/26/94

Sample analyzed for PCB's 11/27/94

LABORATORY DIRECTOR



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LABORATORY REPORT

111494

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-10
Sample No.: 02035

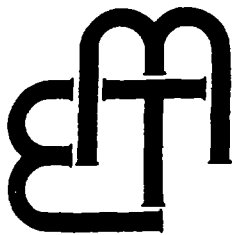
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zuber

LABORATORY DIRECTOR



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LABORATORY REPORT

111365

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/30/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYG-12
Sample No.: 02036

Arsenic	12.4
Barium	431
Cadmium	52.3
Chromium	107
Copper	30100
Lead	2480
Mercury	18.3
Nickel	125
Selenium	4.44
Silver	12.2
Zinc	6930

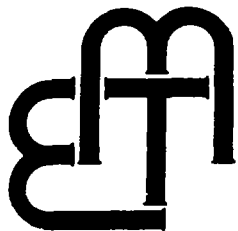
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



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LABORATORY REPORT

111561

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 12/2/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYG-12
Sample No.: 02036

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<10000	<0.08	10000	500000
PCB 1232	<10000	<0.08	10000	500000
PCB 1016 (1242)	218000	<0.08	10000	500000
PCB 1248	<10000	<0.08	10000	500000
PCB 1254	99500	<0.08	10000	100000
PCB 1260	15700	<0.08	10000	100000
(Total PCB)	333000	<0.08	10000	----

Analysis reported on a dry weight basis.

All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111561-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYG-12
Sample No.: 02036

Report Date: 12/2/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|------|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 97% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 111% |

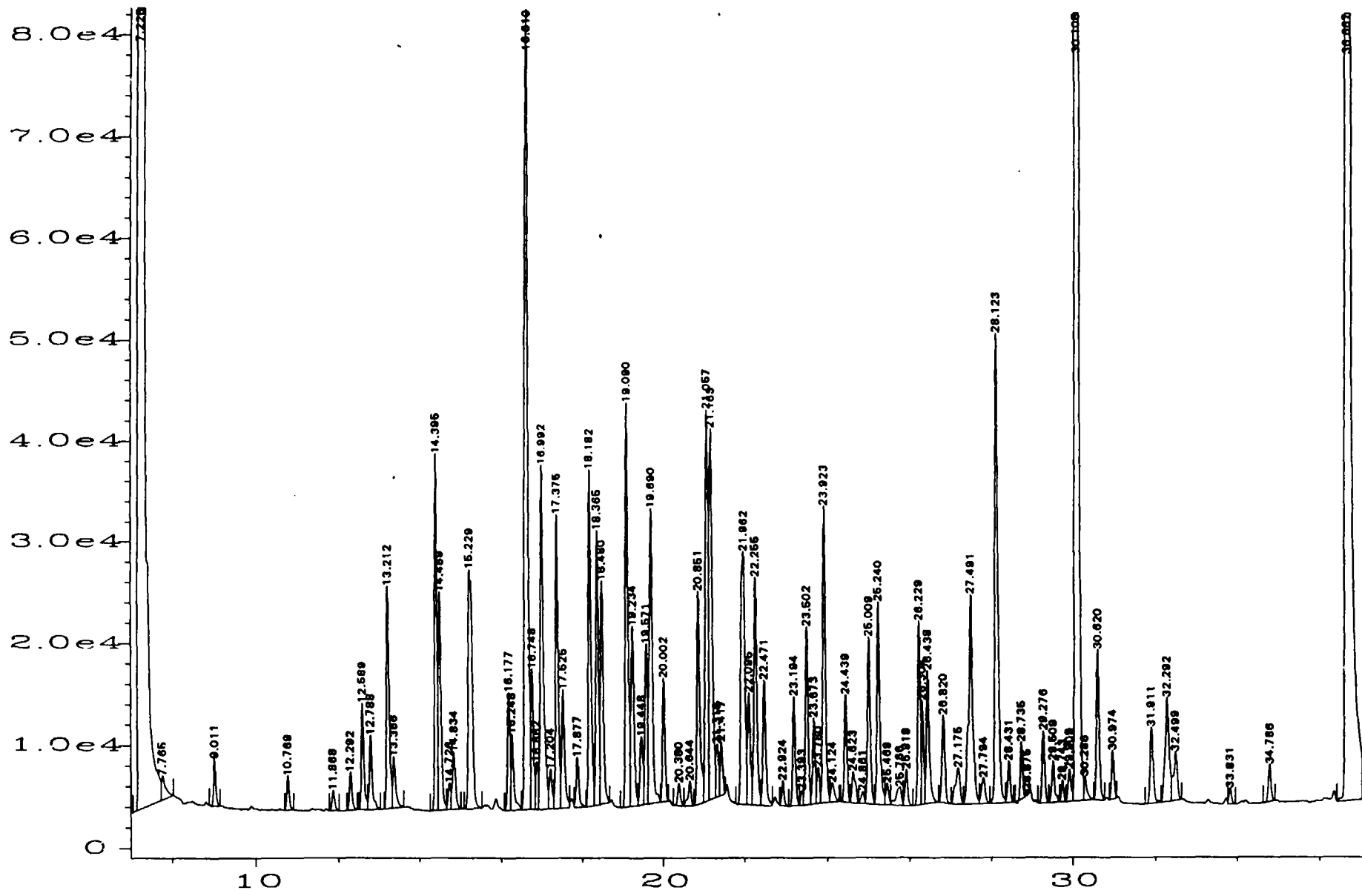
Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

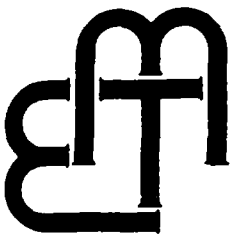
The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zuber

LABORATORY DIRECTOR

02036 PCS 1.9998g → 40ml 0.5ml → 500μl 100μl → 500μl 5





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LABORATORY REPORT

111561-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYG-12
Sample No.: 02036

Report Date: 12/2/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

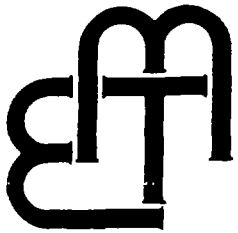
Sample received by EMT 11/22/94

Sample analyzed for Total Metals 11/30/94

Sample extracted for PCB's 11/26/94

Sample analyzed for PCB's 11/30/94

LABORATORY DIRECTOR



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LABORATORY REPORT

111495

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYG-12
Sample No.: 02036

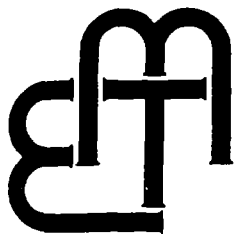
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehr

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

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LABORATORY REPORT

111436-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYK-19
Sample No.: 02037

Report Date: 12/1/94
Sample Received: 11/22/94

Barium	180
Cadmium	51
Chromium	150
Copper	37000
Lead	2000
Mercury	15
Nickel	170
Selenium	7.9
Silver	54
Zinc	6700

Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



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LABORATORY REPORT

111436

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/30/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYK-19
Sample No.: 02037

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<30000	<0.08	30000	150000
PCB 1232	<30000	<0.08	30000	150000
PCB 1016 (1242)	185000	<0.08	30000	150000
PCB 1248	<30000	<0.08	30000	150000
PCB 1254	150000	<0.08	30000	300000
PCB 1260	<30000	<0.08	30000	300000
(Total PCB)	335000	<0.08	30000	----

Analysis reported on a dry weight basis.

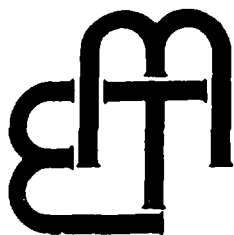
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111436-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYK-19
Sample No.: 02037

Report Date: 12/1/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

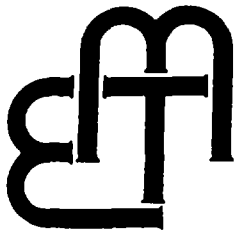
- | | | |
|----|---|----------|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | Coeluted |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | Coeluted |

Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111521

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-10
Sample No.: 02034

Report Date: 12/1/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

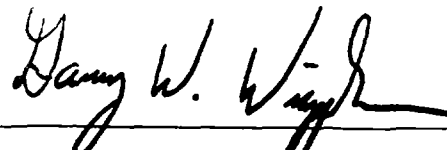
Sample relinquished by Riedel Environmental 11/22/94

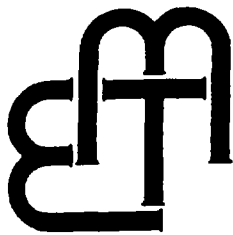
Sample Received by EMT 11/22/94

Sample analyzed for Total Metals 11/30/94

Sample extracted PCB's 11/26/94

Sample analyzed for PCB's 11/27/94


LABORATORY DIRECTOR



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LABORATORY REPORT

111493

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-10
Sample No.: 02034

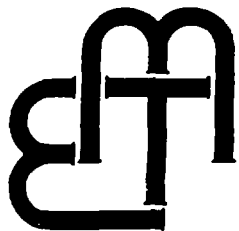
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zuber

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

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LABORATORY REPORT

111435-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-10
Sample No.: 02035

Report Date: 12/1/94
Sample Received: 11/22/94

Arsenic	<3.00
Barium	350
Cadmium	54
Chromium	81
Copper	110,000
Lead	1800
Mercury	13.6
Nickel	120
Selenium	2.5
Silver	14
Zinc	6600

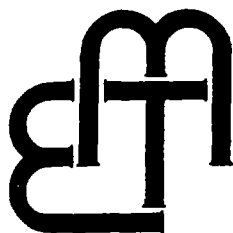
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



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LABORATORY REPORT

111435

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/30/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-10
Sample No.: 02035

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<150000	<0.08	150000	750000
PCB 1232	<150000	<0.08	150000	750000
PCB 1016 (1242)	935000	<0.08	150000	750000
PCB 1248	<150000	<0.08	150000	750000
PCB 1254	620000	<0.08	150000	1500000
PCB 1260	<150000	<0.08	150000	1500000
(Total PCB)	1555000	<0.08	150000	----

Analysis reported on a dry weight basis.

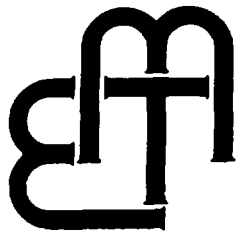
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111435-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-10
Sample No.: 02035

Report Date: 12/1/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

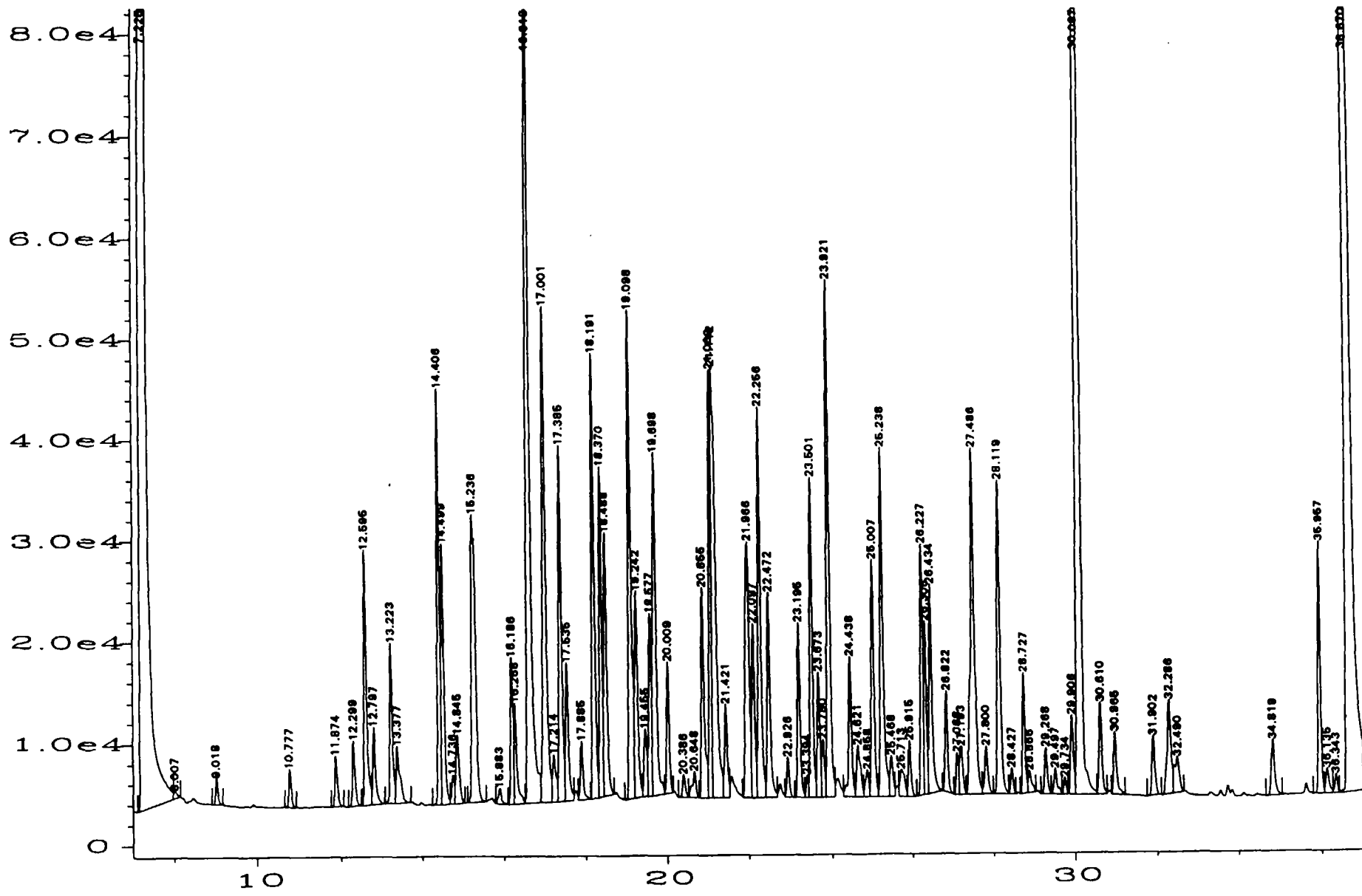
- | | | |
|----|---|------|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 81% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 114% |

Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

LABORATORY DIRECTOR

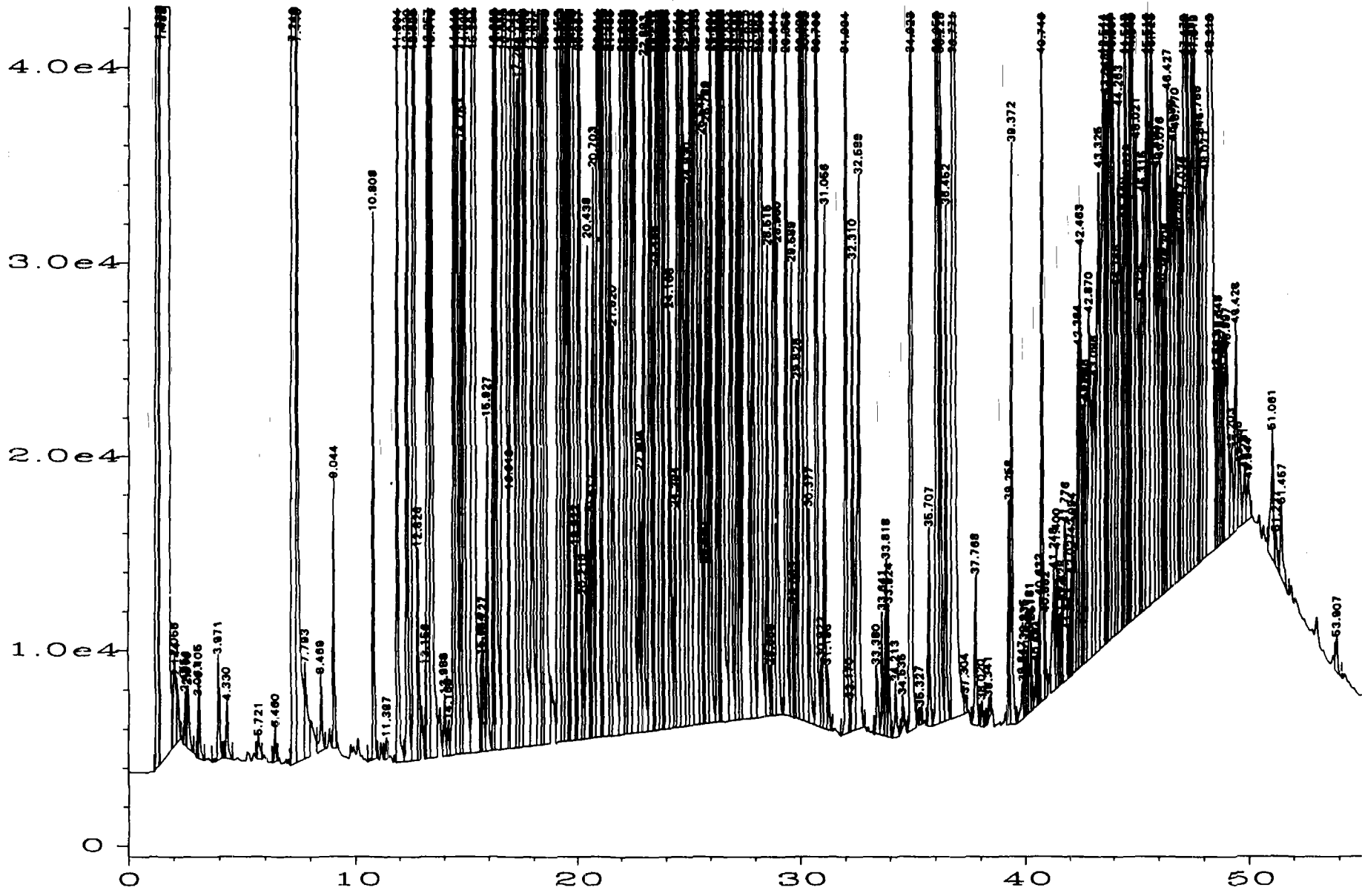
020035 PCB 1.3276g → 40ml 0.5ml/min 500μl 40μm 500μl 1/16



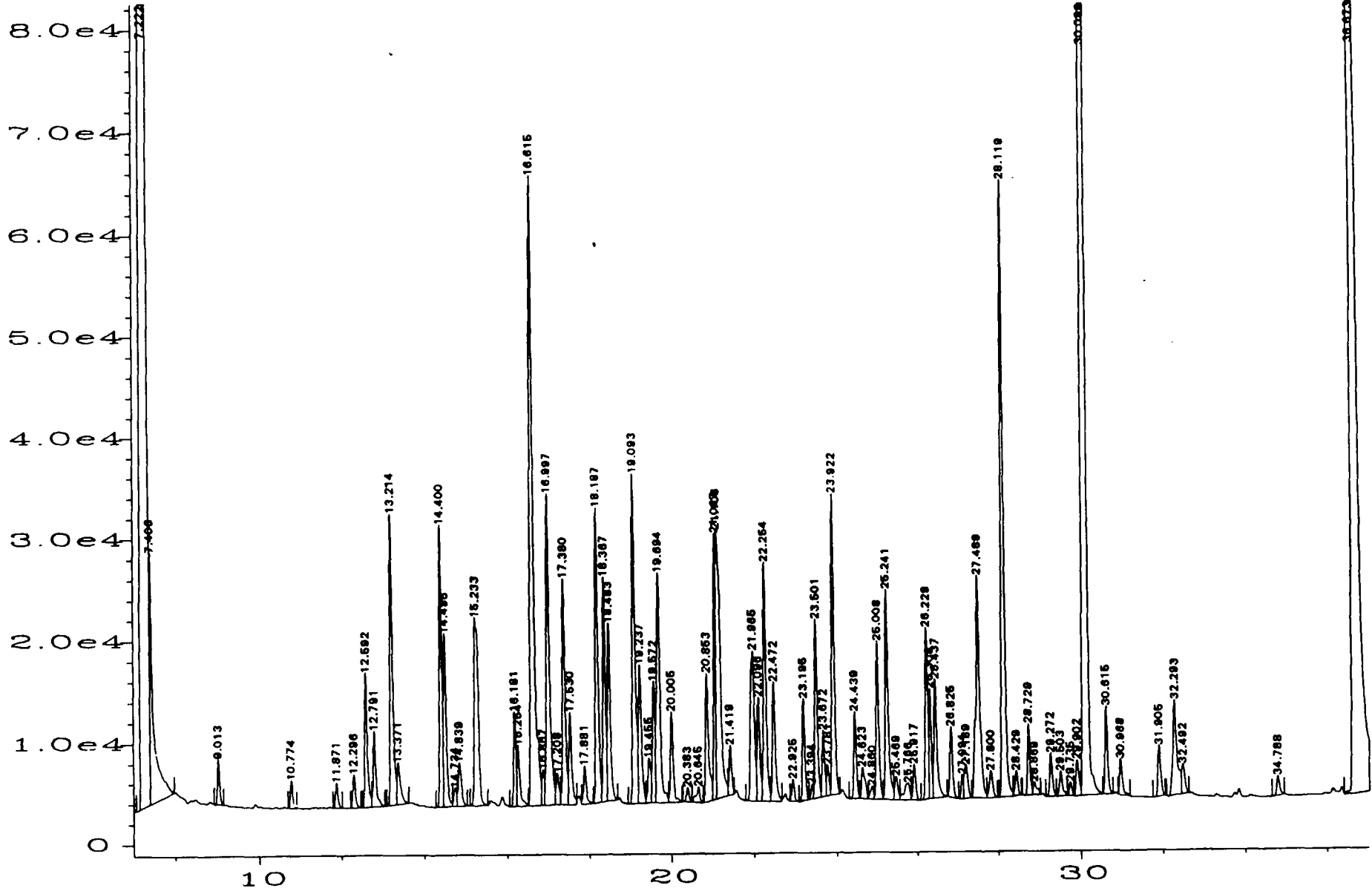
C:\NPCHEM\2\DATA\Z941127\046F4601.D

2035

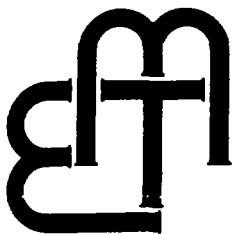
1.15



02037 P06 1.9417g → 40ml 0.5ml → 500μl 100μl → 500μl



411



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LABORATORY REPORT

111523

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYK-19
Sample No.: 02037

Report Date: 12/1/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

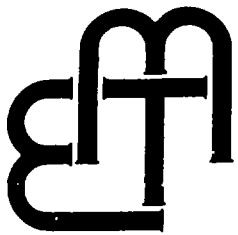
Sample Received by EMT 11/22/94

Sample analyzed for Total Metals 11/30/94

Sample extracted PCB's 11/26/94

Sample analyzed for PCB's 11/27/94

LABORATORY DIRECTOR



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708/967-6666
FAX: 708/967-6735

LABORATORY REPORT

111496

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYK-19
Sample No.: 02037

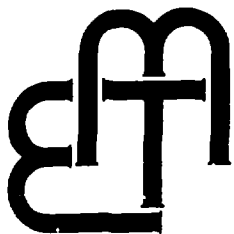
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehr

LABORATORY DIRECTOR



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708/967-6666
FAX: 708/967-6735

LABORATORY REPORT

111626

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYG-18
Sample No.: 02038

Report Date: 12/1/94
Sample Received: 11/22/94

Arsenic	20
Barium	87
Cadmium	100
Chromium	280
Copper	15,000
Lead	650
Mercury	21
Nickel	280
Selenium	6.8
Silver	10
Zinc	2800

Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



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FAX: 708/967-6735

LABORATORY REPORT

111644

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYG-18
Sample No.: 02038

Report Date: 12/2/94
Sample Received: 11/22/94

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<50000	<0.08	50000	250000
PCB 1232	<50000	<0.08	50000	250000
PCB 1016 (1242)	839000	<0.08	50000	250000
PCB 1248	<50000	<0.08	50000	250000
PCB 1254	221000	<0.08	50000	500000
PCB 1260	<50000	<0.08	50000	500000
(Total PCB)	1060000	<0.08	50000	----

Analysis reported on a dry weight basis.

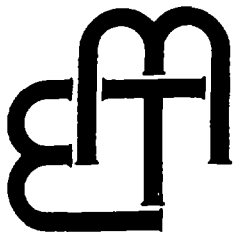
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111644-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYG-18
Sample No.: 02038

Report Date: 12/2/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

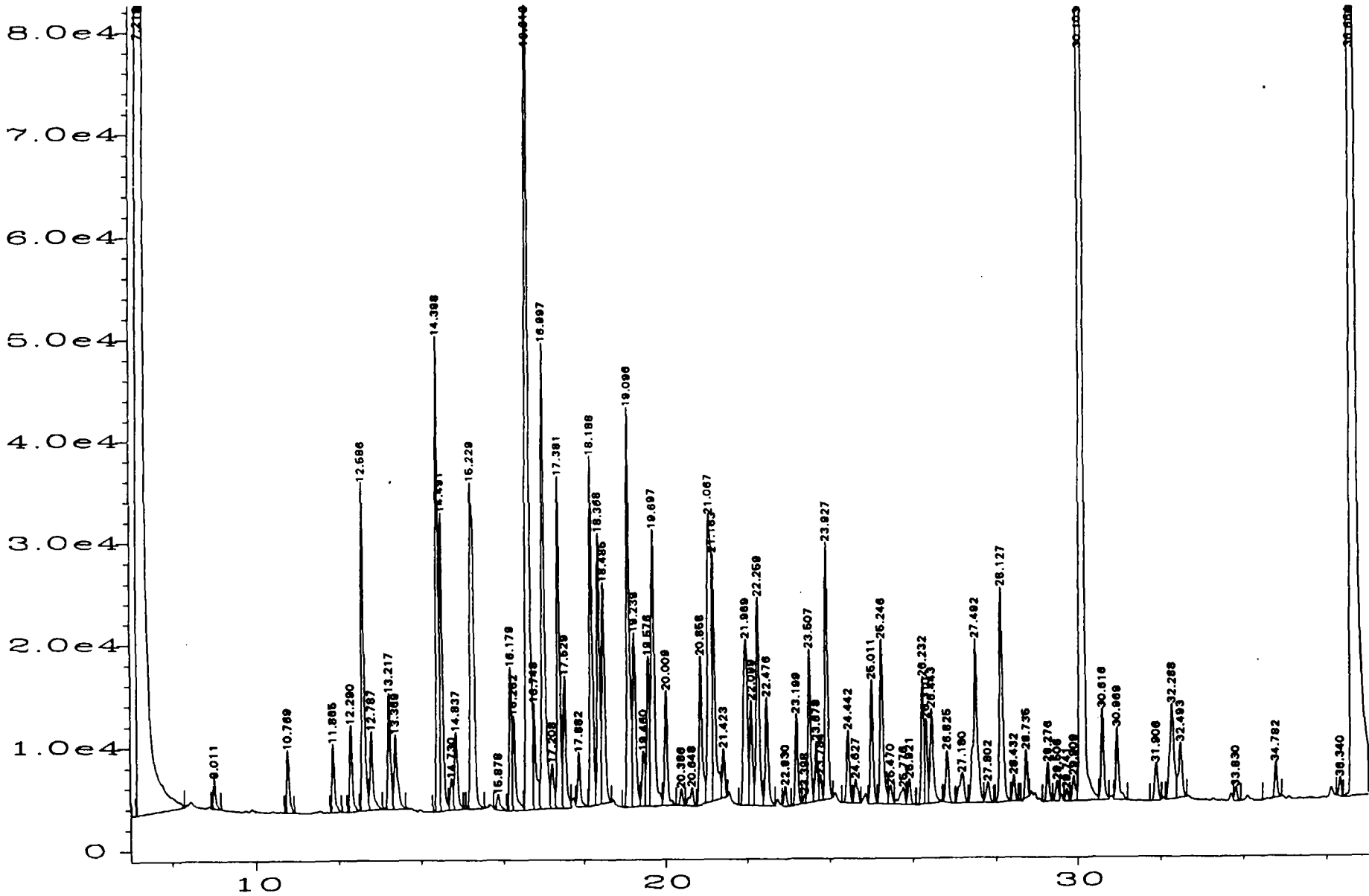
- | | | |
|----|---|------|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 91% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 101% |

Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

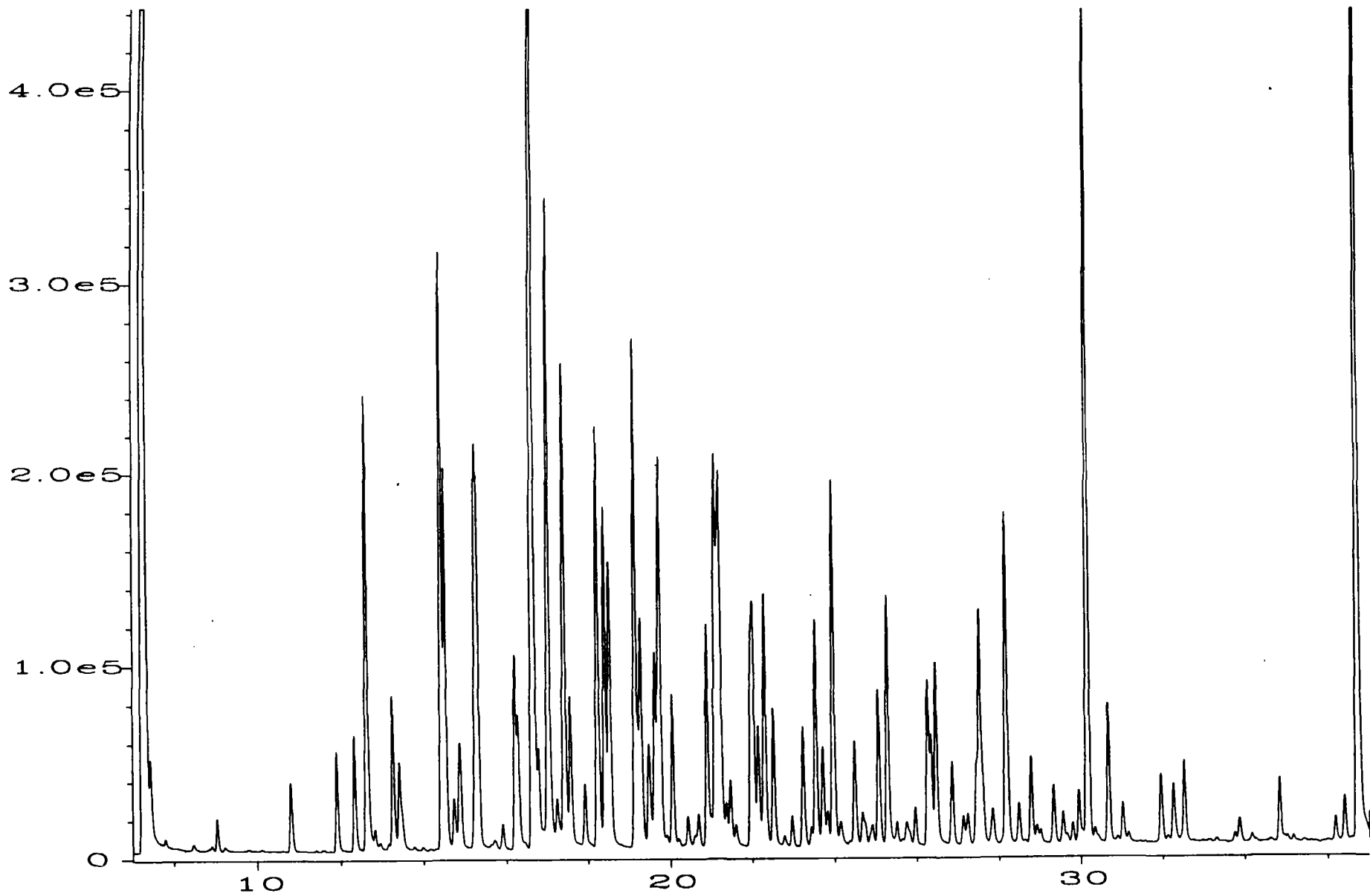
The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

LABORATORY DIRECTOR

02038 PCB 1.3735 → 40ml 0.5ml/min 500000
50



02038 PCS 1:10





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LABORATORY REPORT

111524

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYG-18
Sample No.: 02038

Report Date: 12/1/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

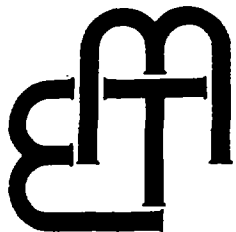
Sample Received by EMT 11/22/94

Sample analyzed for Total Metals 11/30/94

Sample extracted PCB's 11/26/94

Sample analyzed for PCB's 11/27/94

LABORATORY DIRECTOR



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LABORATORY REPORT

111497

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYG-18
Sample No.: 02038

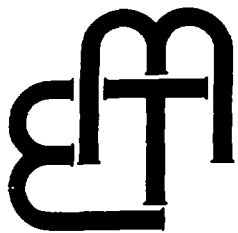
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehn

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

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LABORATORY REPORT

111627

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYF-17
Sample No.: 02039

Report Date: 12/1/94
Sample Received: 11/22/94

Arsenic	<3.00
Barium	9.90
Cadmium	<0.80
Chromium	18.0
Copper	620000
Lead	1400
Mercury	0.610
Nickel	17.0
Selenium	1.10
Silver	<2.50
Zinc	<2.00

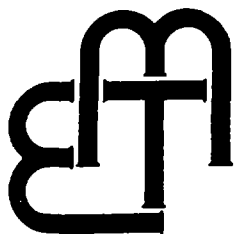
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



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LABORATORY REPORT

111368-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/30/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYF-17
Sample No.: 02039

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<5200	<0.08	5200	26000
PCB 1232	<5200	<0.08	5200	26000
PCB 1016 (1242)	25900	<0.08	5200	26000
PCB 1248	<5200	<0.08	5200	26000
PCB 1254	13700	<0.08	5200	52000
PCB 1260	<5200	<0.08	5200	52000
(Total PCB)	39600	<0.08	5200	----

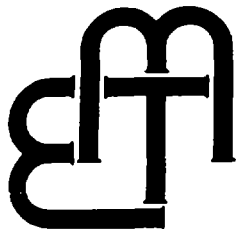
Analysis reported on a dry weight basis.

All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

LABORATORY DIRECTOR



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LABORATORY REPORT

111368-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYF-17
Sample No.: 02039

Report Date: 12/1/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|------|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 107% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 99% |

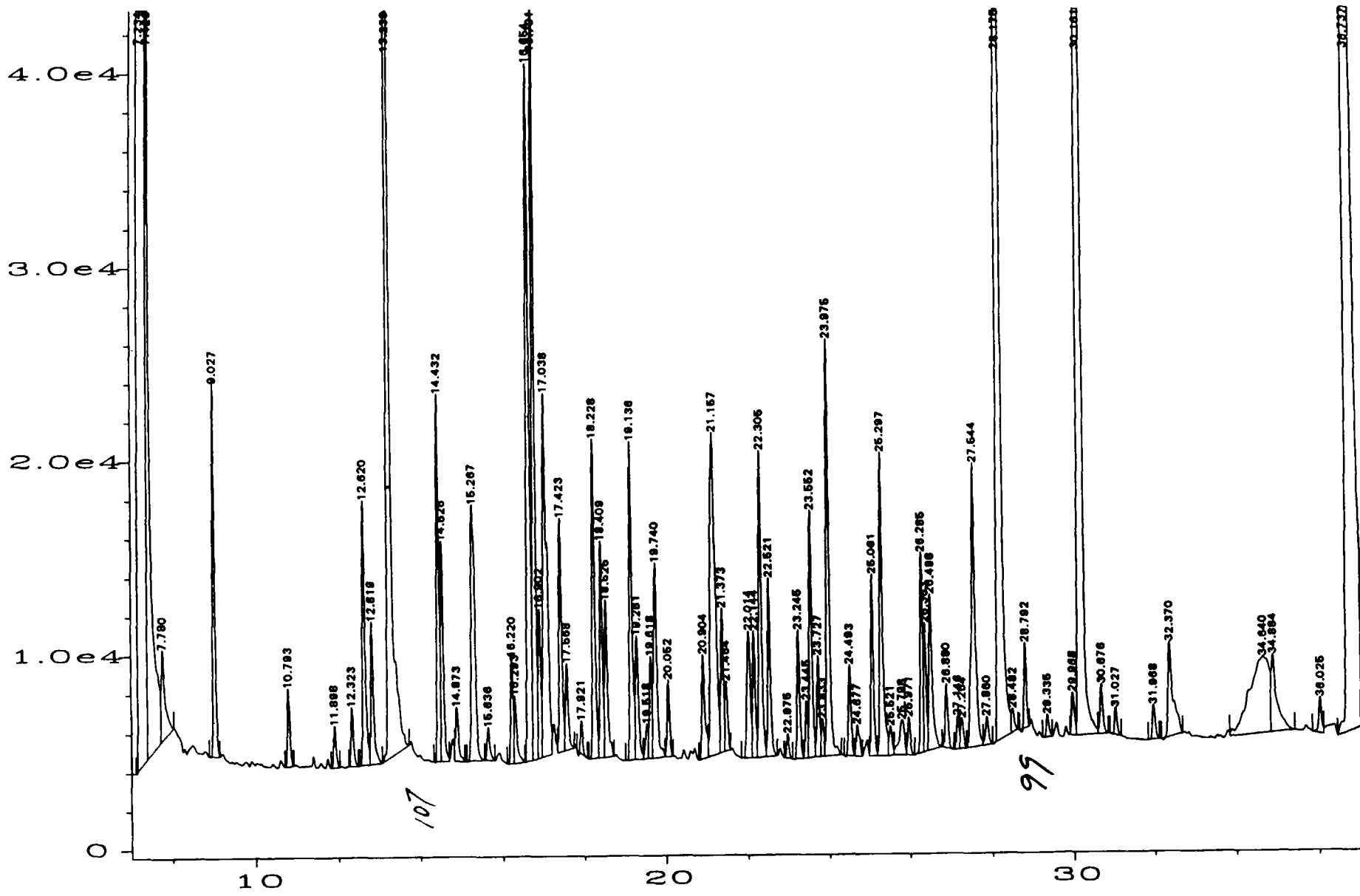
Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zuber

LABORATORY DIRECTOR

2039 PCB 1.7058g in 40ml 500µl surmount 11/23





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LABORATORY REPORT

111525

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYF-17
Sample No.: 02039

Report Date: 12/1/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

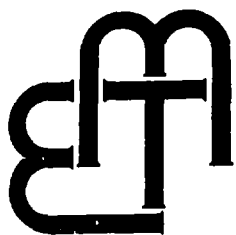
Sample Received by EMT 11/22/94

Sample analyzed for Total Metals 11/30/94

Sample extracted PCB's 11/26/94

Sample analyzed for PCB's 11/27/94

LABORATORY DIRECTOR



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LABORATORY REPORT

111498

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYF-17
Sample No.: 02039

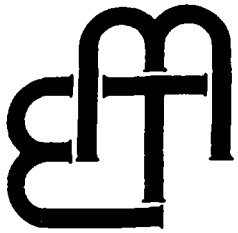
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehr

LABORATORY DIRECTOR



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FAX: 708/967-6735

LABORATORY REPORT

111366

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYG-16
Sample No.: 02040

Report Date: 11/30/94
Sample Received: 11/22/94

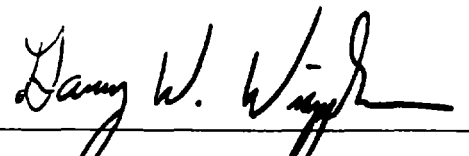
Arsenic	5.51
Barium	156
Cadmium	103
Chromium	322
Copper	38500
Lead	780
Mercury	14.6
Nickel	811
Selenium	18.7
Silver	6.96
Zinc	3530

Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.


LABORATORY DIRECTOR



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8100 North Austin Avenue
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LABORATORY REPORT

111437

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 11/30/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYG-16
Sample No.: 02040

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	Sample (ppb)	Blank (ppb)		
PCB 1221	<40000	<0.08	40000	200000
PCB 1232	<40000	<0.08	40000	200000
PCB 1016 (1242)	301000	<0.08	40000	200000
PCB 1248	<40000	<0.08	40000	200000
PCB 1254	160000	<0.08	40000	400000
PCB 1260	<40000	<0.08	40000	400000
(Total PCB)	461000	<0.08	40000	----

Analysis reported on a dry weight basis.

All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Les E. Zuber

LABORATORY DIRECTOR



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708/967-6665
FAX: 708/967-6735

LABORATORY REPORT

111437-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYG-16
Sample No.: 02040

Report Date: 12/1/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|-----|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 93% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 99% |

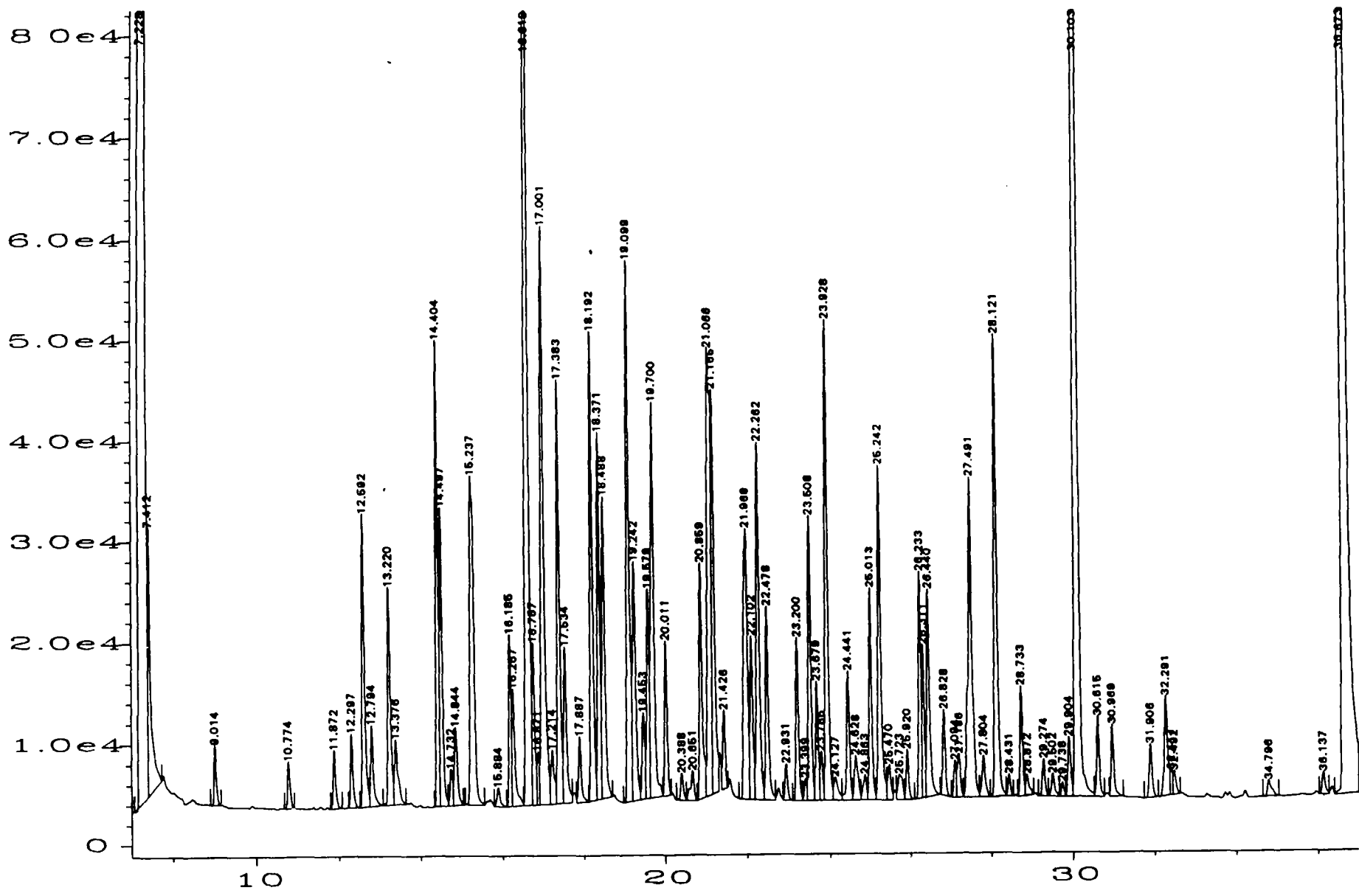
Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR

02040 P00 1.8394g → 40ml 0.5ml → 500µl 100µl 500µl 100µl 500µl





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Morton Grove, Illinois 60053-3203
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LABORATORY REPORT

111526

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYG-16
Sample No.: 02040

Report Date: 12/1/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

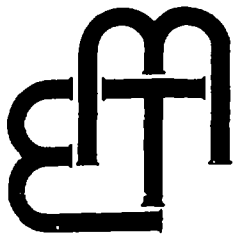
Sample Received by EMT 11/22/94

Sample analyzed for Total Metals 11/30/94

Sample extracted PCB's 11/26/94

Sample analyzed for PCB's 11/27/94

LABORATORY DIRECTOR



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8100 North Austin Avenue
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LABORATORY REPORT

111499

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

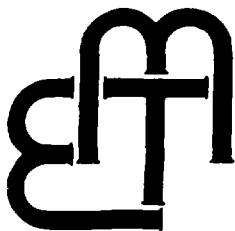
Project No.: 8157
Project Name: SS Metals
Sample Description: MYG-16
Sample No.: 02040

Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available


LABORATORY DIRECTOR



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LABORATORY REPORT

111438-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-16
Sample No.: 02041

Report Date: 12/1/94
Sample Received: 11/22/94

Arsenic	31
Barium	110
Cadmium	46
Chromium	170
Copper	190,000
Lead	660
Mercury	30
Nickel	210
Selenium	42
Silver	6.5
Zinc	240

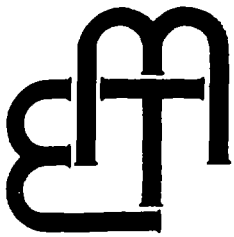
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
708/967-6666
FAX: 708/967-6735

LABORATORY REPORT

111438

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-16
Sample No.: 02041

Report Date: 11/30/94
Sample Received: 11/22/94

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	Sample (ppb)	Blank (ppb)		
PCB 1221	<40000	<0.08	40000	200000
PCB 1232	<40000	<0.08	40000	200000
PCB 1016 (1242)	285000	<0.08	40000	200000
PCB 1248	<40000	<0.08	40000	200000
PCB 1254	180000	<0.08	40000	400000
PCB 1260	<40000	<0.08	40000	400000
(Total PCB)	465000	<0.08	40000	----

Analysis reported on a dry weight basis.

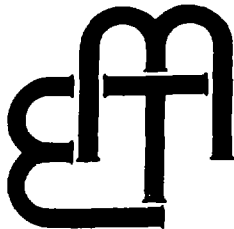
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zuber

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
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FAX: 708/967-6735

LABORATORY REPORT

111438-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-16
Sample No.: 02041

Report Date: 12/1/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

1. 3,5-Dichlorobiphenyl (PCB#14) 84%
2. 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) 105%

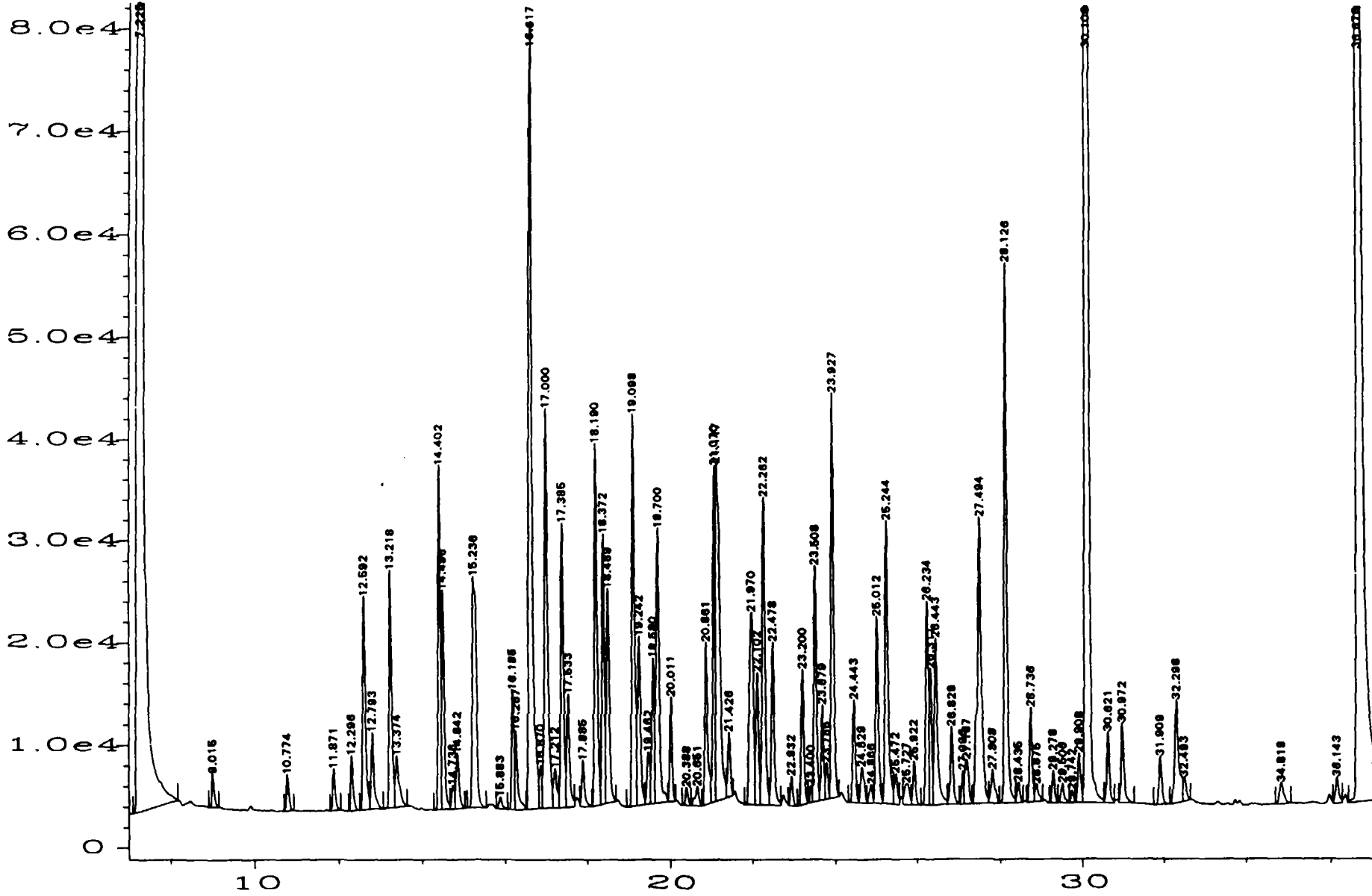
Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

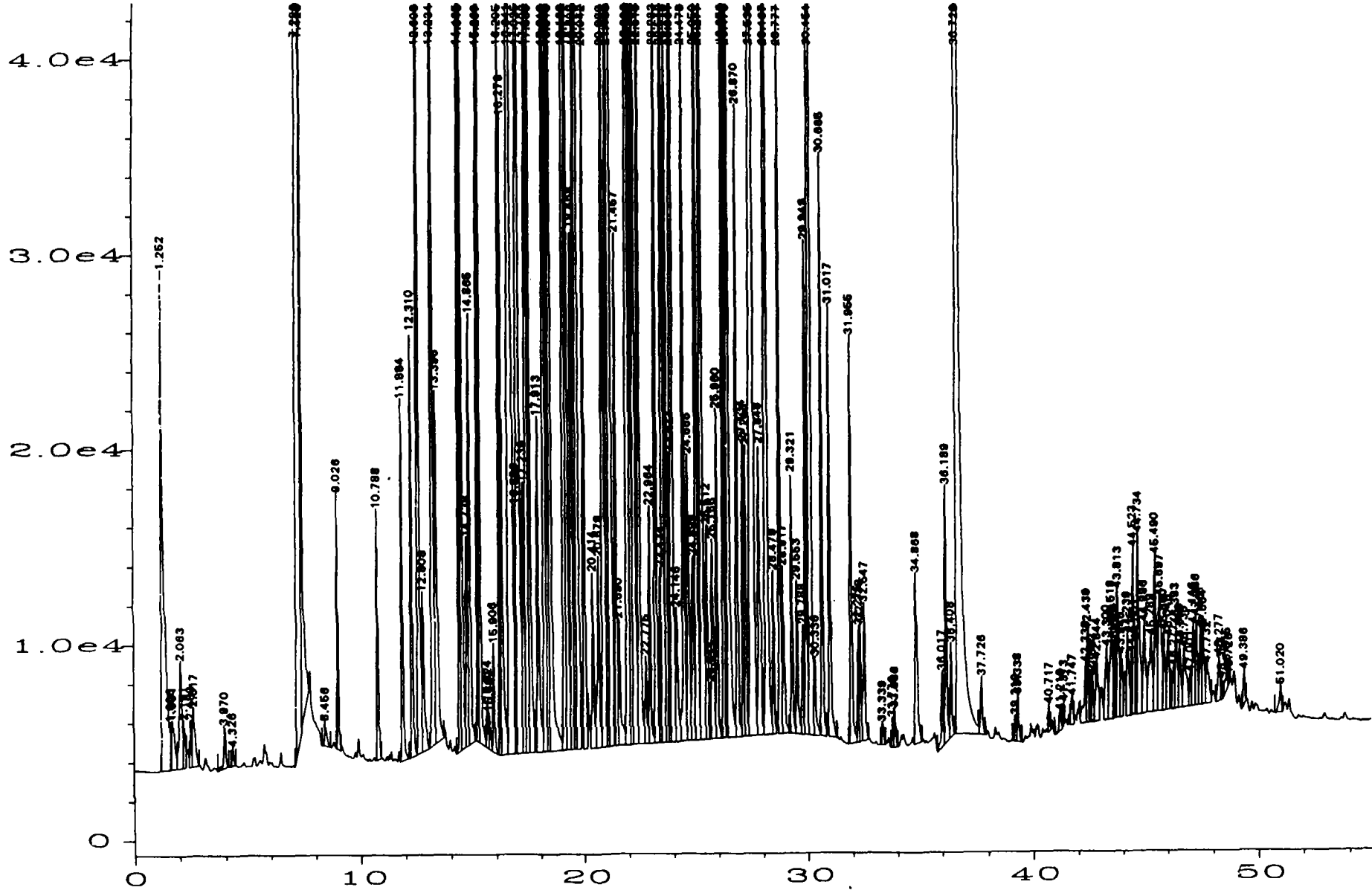
LABORATORY DIRECTOR

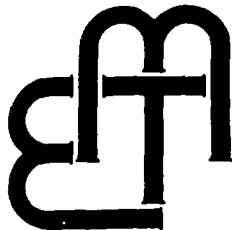
02041 PCS 1.4680g → 40mL 0.5mL → 500μL 100μL → 500μL



2041

1:5





**ENVIRONMENTAL
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TECHNOLOGIES, INC.**

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
708/967-6666
FAX: 708/967-6735

LABORATORY REPORT

111527

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-16
Sample No.: 02041

Report Date: 12/1/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

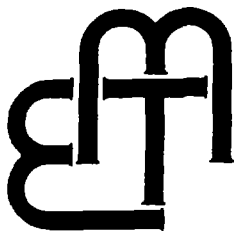
Sample Received by EMT 11/22/94

Sample analyzed for Total Metals 11/30/94

Sample extracted PCB's 11/26/94

Sample analyzed for PCB's 11/27/94

LABORATORY DIRECTOR



**ENVIRONMENTAL
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TECHNOLOGIES, INC.**

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
708/967-6666
FAX: 708/967-6735

LABORATORY REPORT

111600

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-16
Sample No.: 02041

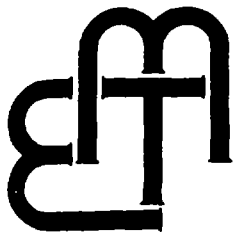
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehr

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
708/967-6666
FAX: 708/967-6735

LABORATORY REPORT

111441-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-13
Sample No.: 02042

Report Date: 12/1/94
Sample Received: 11/22/94

Arsenic	9.9
Barium	350
Cadmium	34
Chromium	92
Copper	53,000
Lead	1500
Mercury	10
Nickel	81
Selenium	5.2
Silver	8.1
Zinc	2700

Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



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FAX: 708/967-6735

LABORATORY REPORT

111645

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYG-13
Sample No.: 02042

Report Date: 12/2/94
Sample Received: 11/22/94

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<40000	<0.08	40000	200000
PCB 1232	<40000	<0.08	40000	200000
PCB 1016 (1242)	236000	<0.08	40000	200000
PCB 1248	<40000	<0.08	40000	200000
PCB 1254	193000	<0.08	40000	400000
PCB 1260	<40000	<0.08	40000	400000
(Total PCB)	429000	<0.08	40000	----

Analysis reported on a dry weight basis.

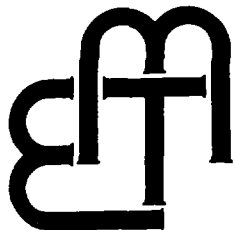
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111645-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYG-13
Sample No.: 02042

Report Date: 12/2/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|-----|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 81% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 82% |

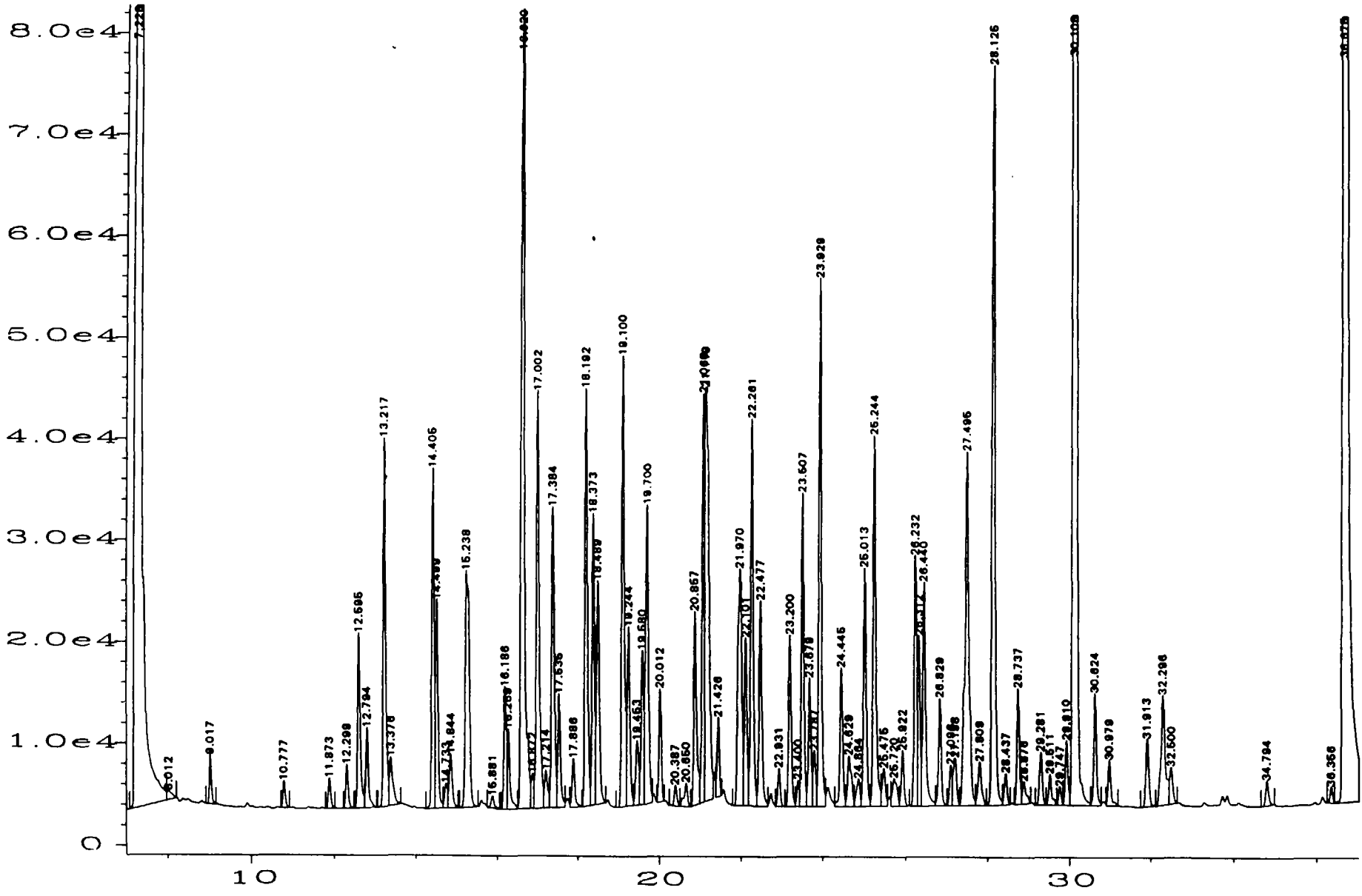
Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

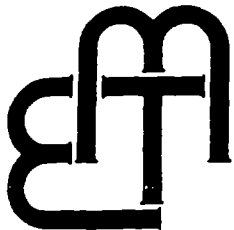
Leah E. Zehr

LABORATORY DIRECTOR

02042 PCS 19760 → 201 051-105 100 pgs - 105 100 pgs
surveys



C:\HPCHEM\2\DATA\Z941130\01OF1001.D



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LABORATORY REPORT

111645-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYG-13
Sample No.: 02042

Report Date: 12/2/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

Sample received by EMT 11/22/94

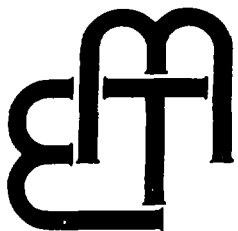
Sample analyzed for Total Metals 11/30/94

Sample extracted for PCB's 11/26/94

Sample analyzed for PCB's 11/30/94

Leah E. Zehn

LABORATORY DIRECTOR



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LABORATORY REPORT

111604

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-13
Sample No.: 02042

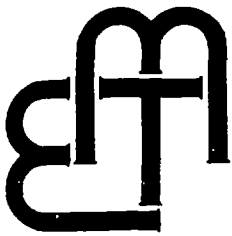
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111628

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-14
Sample No.: 02043

Report Date: 12/1/94
Sample Received: 11/22/94

Arsenic	27
Barium	160
Cadmium	70
Chromium	150
Copper	190,000
Lead	1000
Mercury	10.7
Nickel	260
Selenium	7.6
Silver	6.2
Zinc	2200

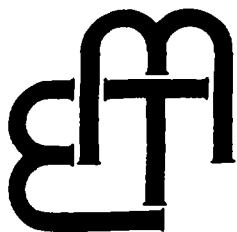
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



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LABORATORY REPORT

111646

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-14
Sample No.: 02043

Report Date: 12/2/94
Sample Received: 11/22/94

	Concentration		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	Found In Sample (ppb)	Blank (ppb)		
PCB 1221	<80000	<0.08	80000	400000
PCB 1232	<80000	<0.08	80000	400000
PCB 1016 (1242)	595000	<0.08	80000	400000
PCB 1248	<80000	<0.08	80000	400000
PCB 1254	329000	<0.08	80000	800000
PCB 1260	<80000	<0.08	80000	800000
(Total PCB)	924000	<0.08	80000	----

Analysis reported on a dry weight basis.

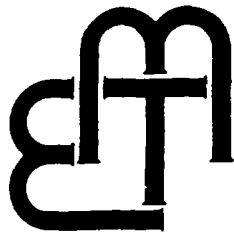
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111646-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYG-14
Sample No.: 02043

Report Date: 12/2/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|------|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 102% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 103% |

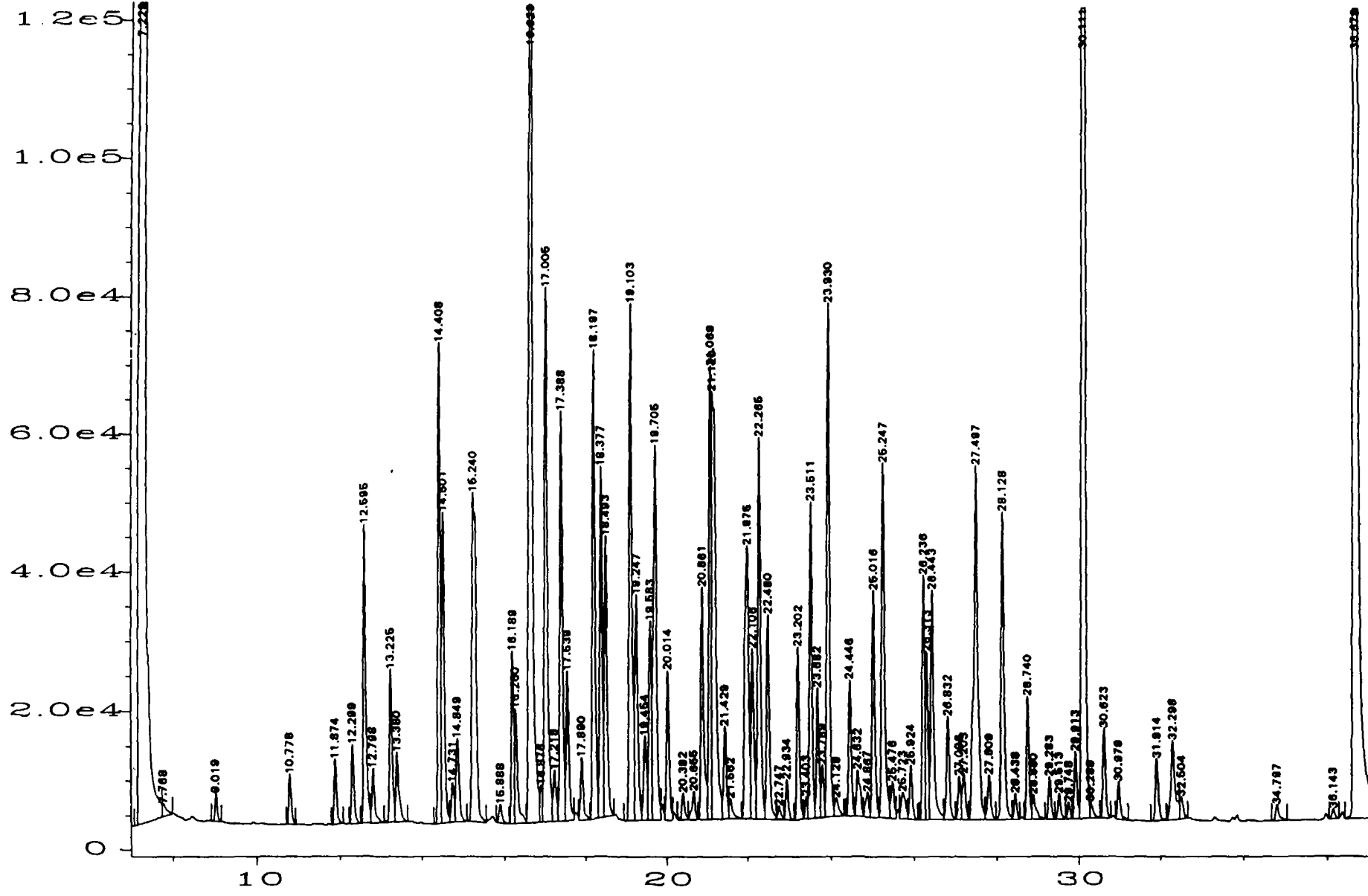
Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

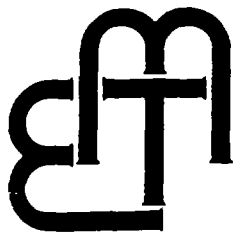
The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Les E. Zehr

LABORATORY DIRECTOR

02043 PCB 1.4654g → 40ml 0.5ml → 500µl 100µl → 500µl IS sur 500





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LABORATORY REPORT

111646-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-14
Sample No.: 02043

Report Date: 12/2/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

Sample received by EMT 11/22/94

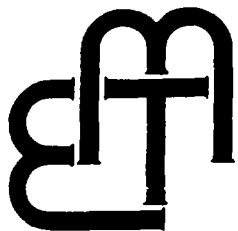
Sample analyzed for Total Metals 11/30/94

Sample extracted for PCB's 11/26/94

Sample analyzed for PCB's 11/30/94

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111605

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-14
Sample No.: 02043

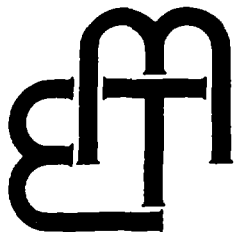
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehr

LABORATORY DIRECTOR



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Morton Grove, Illinois 60053-3203
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LABORATORY REPORT

111439

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 12/1/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-14A
Sample No.: 02045

Arsenic	10.2
Barium	154
Cadmium	42.8
Chromium	112
Copper	43900
Lead	2850
Mercury	14.6
Nickel	13.1
Selenium	4.39
Silver	17.8
Zinc	19000

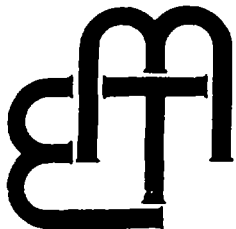
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



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8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
708/967-6336
FAX: 708/967-6735

LABORATORY REPORT

111552

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 12/2/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-14A
Sample No.: 02045

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<40000	<0.08	40000	200000
PCB 1232	<40000	<0.08	40000	200000
PCB 1016 (1242)	144000	<0.08	40000	200000
PCB 1248	<40000	<0.08	40000	200000
PCB 1254	153000	<0.08	40000	400000
PCB 1260	<40000	<0.08	40000	400000
(Total PCB)	297000	<0.08	40000	----

Analysis reported on a dry weight basis.

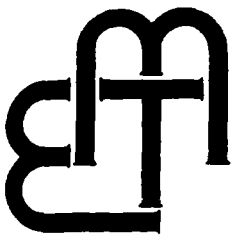
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
708/967-6666
FAX: 708/967-6735

LABORATORY REPORT

111552-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-14A
Sample No.: 02045

Report Date: 12/2/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|------|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 109% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 106% |

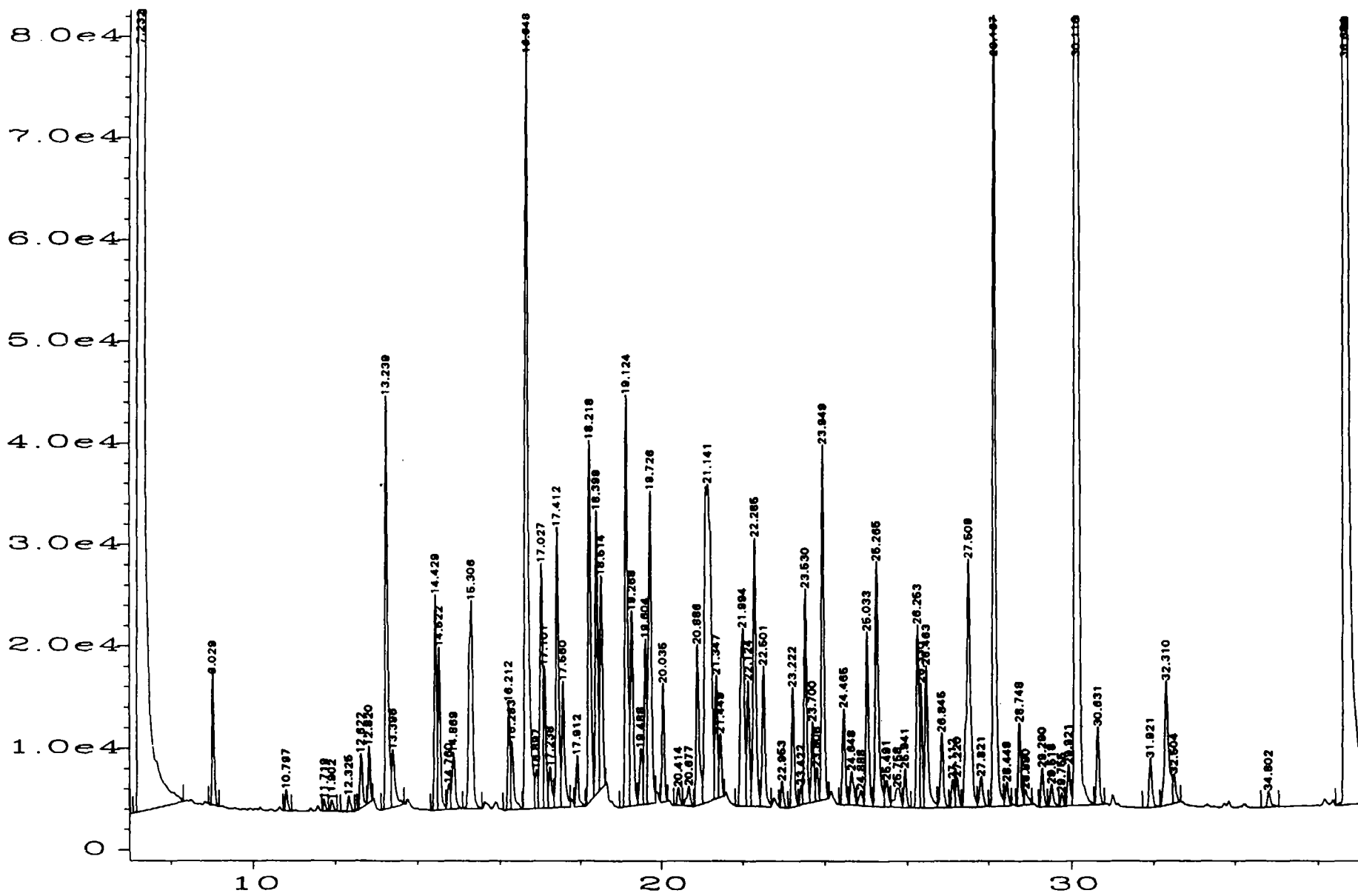
Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

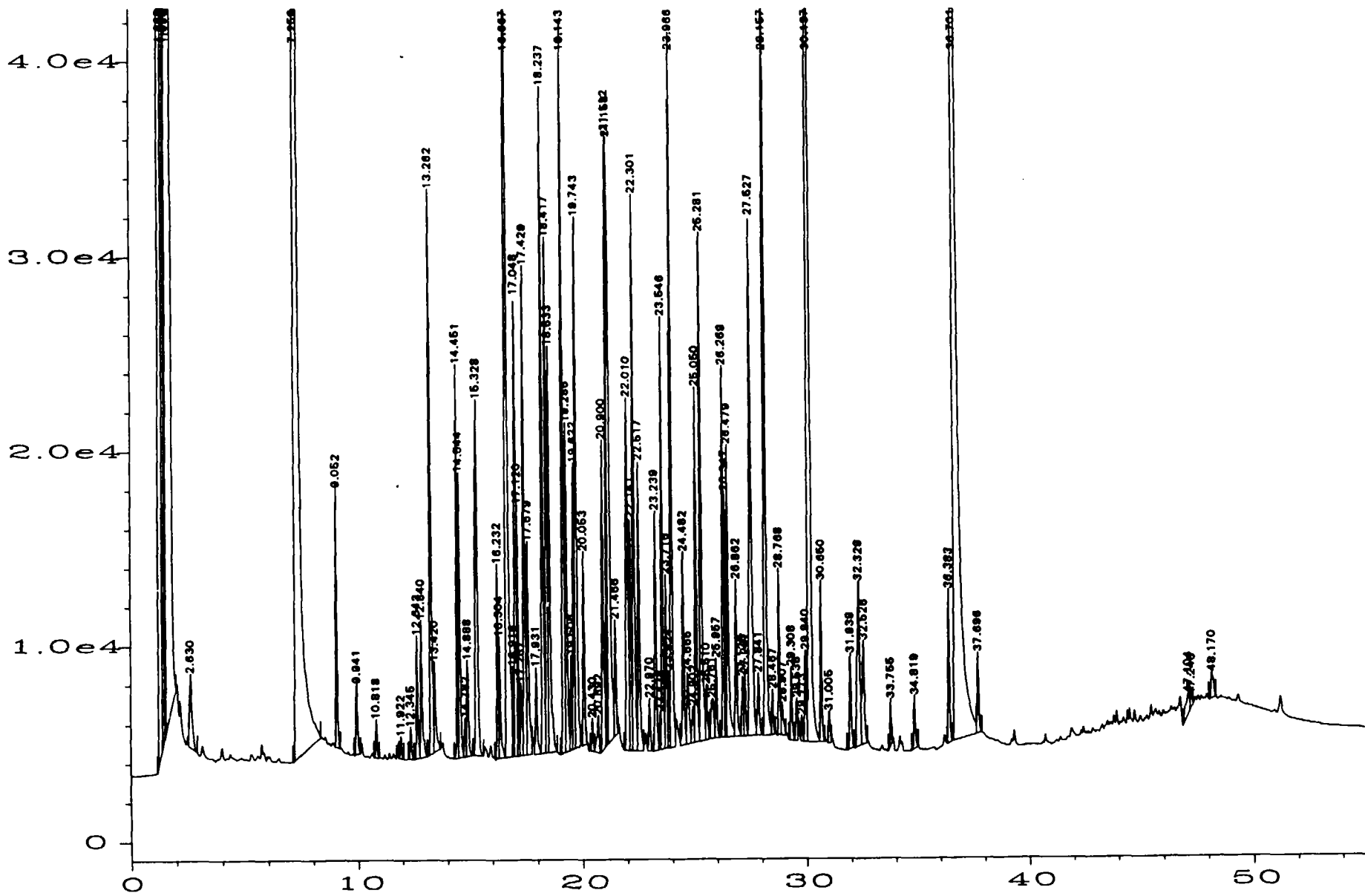
Leah E. Zuber

LABORATORY DIRECTOR

02045 PUS 2.0476g - 40ml 0.1ml to 500ul surf 1000ul 1/50



02045 1. 3553 → 40



C:\HPCHEM\2\DATA\z941129\007F0701.D



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LABORATORY REPORT

111552-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-14A
Sample No.: 02045

Report Date: 12/2/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

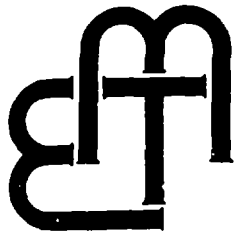
Sample received by EMT 11/22/94

Sample analyzed for Total Metals 11/30/94

Sample extracted for PCB's 11/26/94

Sample analyzed for PCB's 11/30/94

LABORATORY DIRECTOR



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LABORATORY REPORT

111606

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

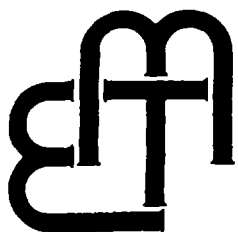
Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-14A
Sample No.: 02045

Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehr
LABORATORY DIRECTOR



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LABORATORY REPORT

111440

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-14
Sample No.: 02046

Report Date: 12/1/94
Sample Received: 11/22/94

Arsenic	10.9
Barium	497
Cadmium	72.0
Chromium	497
Copper	4710
Lead	32700
Mercury	50.1
Nickel	170
Selenium	0.96
Silver	7.72
Zinc	111000

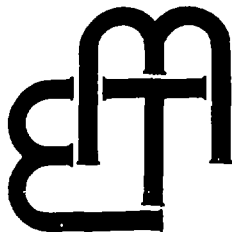
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



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LABORATORY REPORT

111562

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 12/2/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-14
Sample No.: 02046

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<40000	<0.08	40000	200000
PCB 1232	<40000	<0.08	40000	200000
PCB 1016 (1242)	408000	<0.08	40000	200000
PCB 1248	<40000	<0.08	40000	200000
PCB 1254	111000	<0.08	40000	400000
PCB 1260	<40000	<0.08	40000	400000
(Total PCB)	519000	<0.08	40000	----

Analysis reported on a dry weight basis.

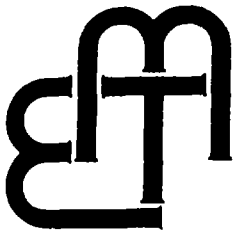
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehner

LABORATORY DIRECTOR



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FAX: 708/967-6735

LABORATORY REPORT

111562-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-14
Sample No.: 02046

Report Date: 12/2/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|------|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 113% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 102% |

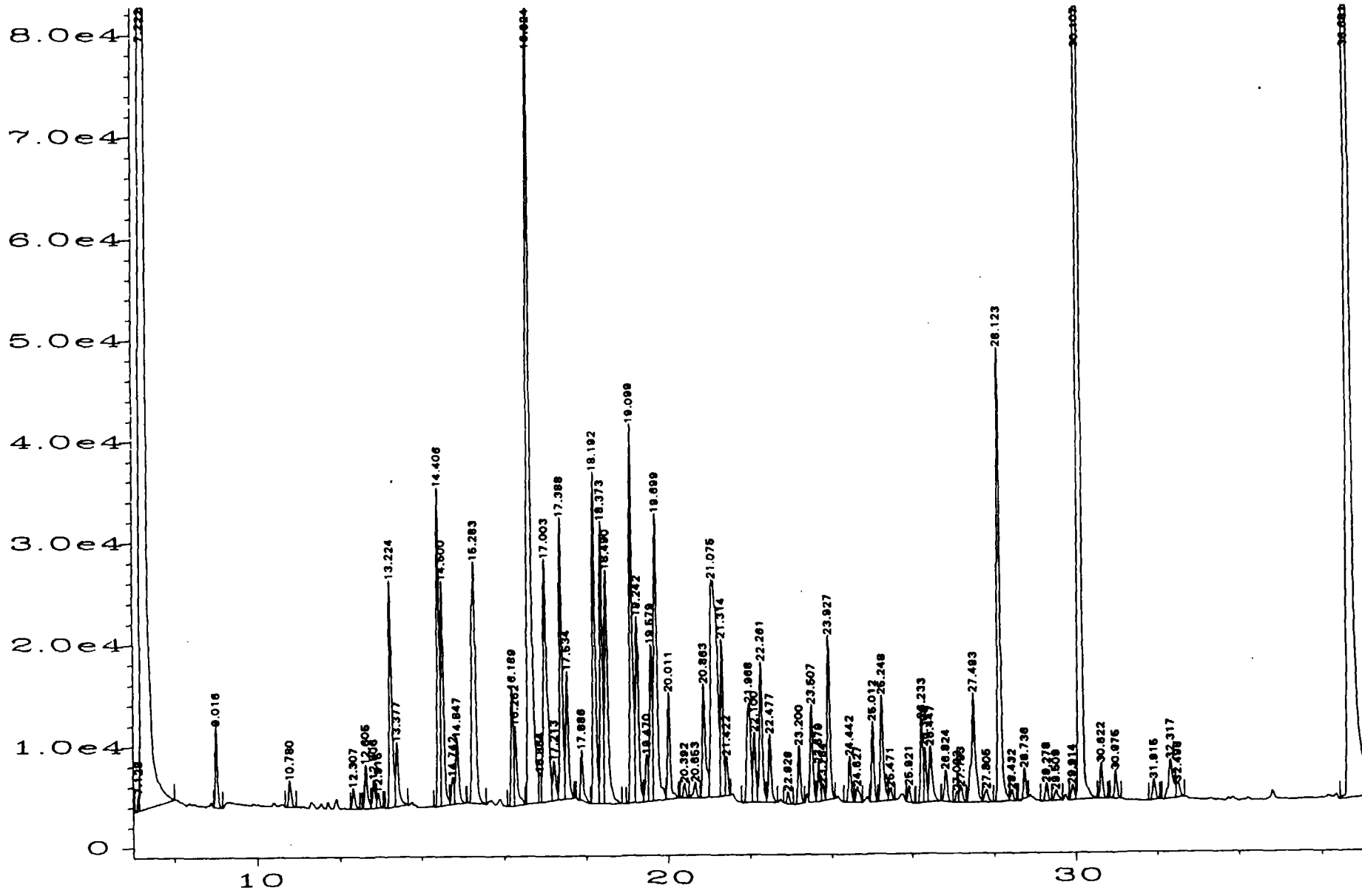
Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

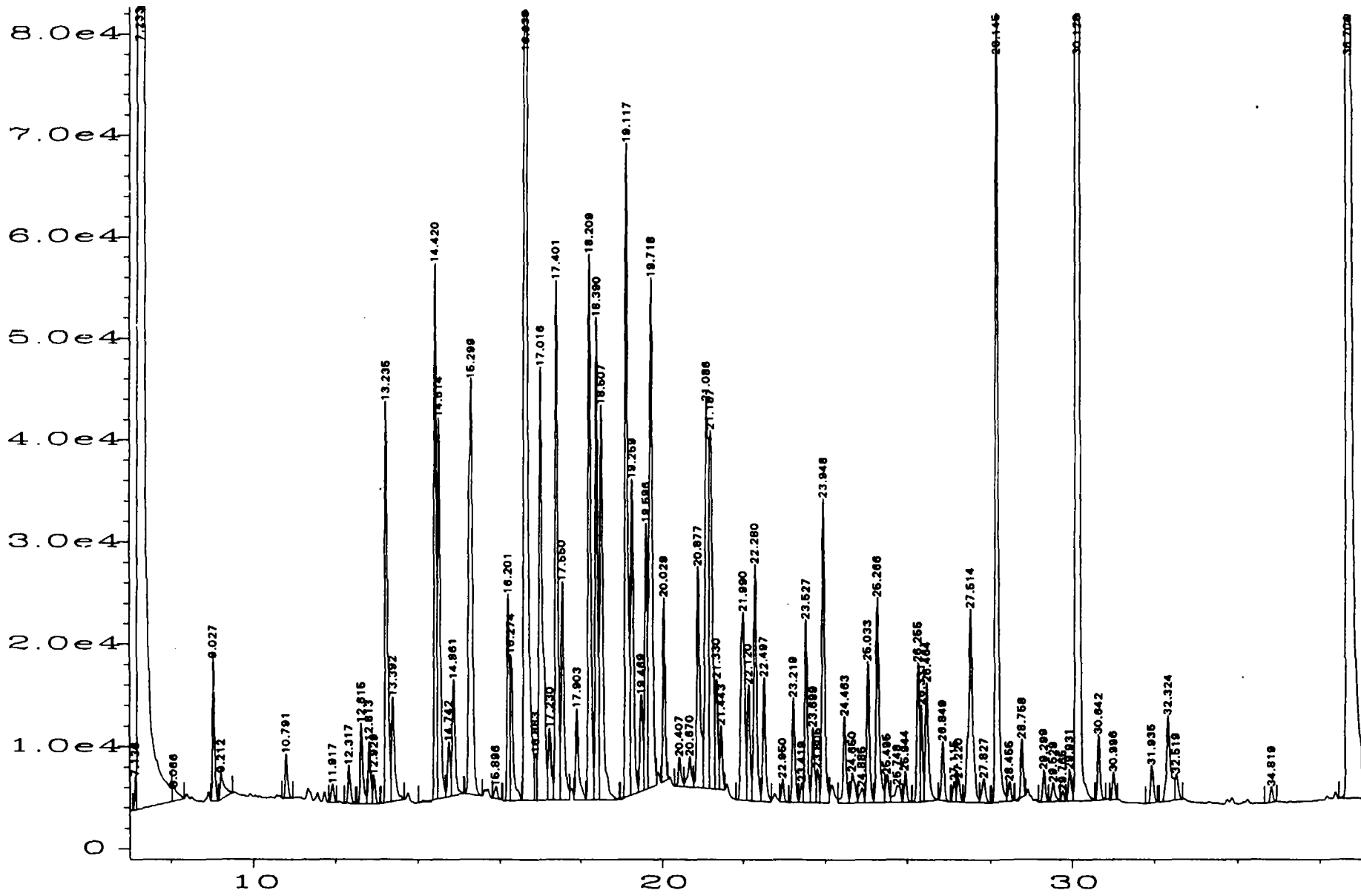
Leah E. Zehr

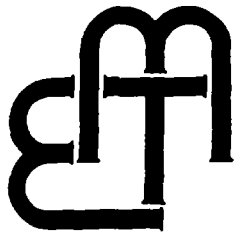
LABORATORY DIRECTOR

02046 PCB 2.0175g - 40ml 0.1ml -> 1000µl SUR 1000µl
11/80



0.2046 PCB 2.0175g → 60ml 0.1ml/→ 500µl sur 100µg n/so





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LABORATORY REPORT

111562-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-14
Sample No.: 02046

Report Date: 12/2/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

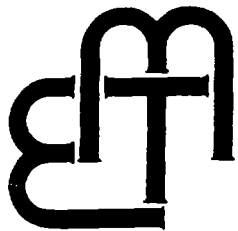
Sample received by EMT 11/22/94

Sample analyzed for Total Metals 11/30/94

Sample extracted for PCB's 11/26/94

Sample analyzed for PCB's 11/30/94

LABORATORY DIRECTOR



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LABORATORY REPORT

111607

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYI-14
Sample No.: 02046

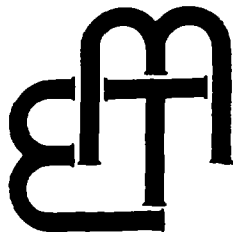
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zuber

LABORATORY DIRECTOR



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FAX: 708/967-6735

LABORATORY REPORT

111567

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals

Report Date: 12/2/94
Sample Received: 11/22/94

Sample Description: QC For Samples 02016, 02031, 02032, 02033, 02034, 02035, 02036,
02037, 02038, 02039, 02040, 02041, 02042, 02043, 02045, 02046,
02047, 02048, 02049

Quality Control
Duplicate Matrix Spike Recoveries
Matrix Soil

PCBs Compounds

	<u>Matrix Spike</u>	<u>Matrix Spike Duplicate</u>	<u>Relative % Difference</u>
PCBs <u>1248 2500 ng</u>	87%	86%	1%

Leah E. Zehn

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
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LABORATORY REPORT

111567-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals

Report Date: 12/2/94
Sample Received: 11/22/94

Sample Description: QC For Samples 02016, 02031, 02032, 02033, 02034, 02035, 02036, 02037, 02038, 02039, 02040, 02041, 02042, 02043, 02045, 02046, 02047, 02048, 02049

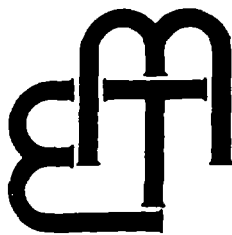
PCB'S/Pesticides Surrogate Recoveries

	Matrix Spike	Matrix Spike Duplicate
1. 3,5-Dichlorobiphenyl (PCB#14)	105%	130%
2. 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166)	106%	132%

performed according to SW-846 "Test Methods for Evaluating Solid Waste".
The data in this report apply only to the sample analyzed. No duplication of this report is allowed except in writing.

Leah E. Zuber

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
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LABORATORY REPORT

111548

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 12/2/94
Sample Received: 11/22/94

Project No.: 8157

Project Name: SS Metals

Sample Description: QC for samples 02033, 02034, 02035, 02036, 02037, 02038,
02039, 02040, 02041

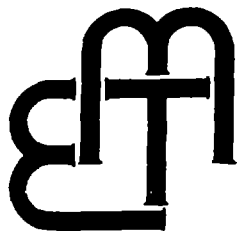
Analyte	ICV (%)	CCV (%)	MSR (%)	MSD (%)	Cal. Blank	Mtd. Blank	MDL ppm	LCS (%)
Silver	100.2	100.2	97.9***	3.7	<0.022	<0.022	0.022	104.8
Arsenic	100.5	100.8	82.0	13.6	<0.0013	<0.0013	0.0013	111.4
Barium	102.0	99.8	87.0*	3.0	<0.006	0.0157	0.006	80.0
Chromium	102.1	102.8	84.3	2.8	<0.010	0.033	0.010	92.7
Cadmium	102.7	102.8	103.5	18.0	<0.005	<0.005	0.005	105.2
Mercury	98.2	102.0	94.8	4.0	<0.0005	<0.0005	0.0005	107.8
Lead	103.9	102.3	98.0*	2.5*	<0.035	<0.035	0.035	94.7
Selenium	104.3	101.3	122.4	16.5	<0.0012	<0.0012	0.0012	108.4
Copper	98.5	102.6	95.8*	2.5*	<0.010	0.069**	0.010	99.5
Nickel	101.6	98.8	91.5	0.77	<0.033	<0.033	0.033	107.7
Zinc	102.1	101.9	115.4*	0.72*	<0.009	0.018	0.009	91.0

* Many elements in sample large (spike insignificant) and sample heterogenous.
Spike values and RPD's obtained from dilution and bench spiking.

** A slightly high blank, insignificant in comparison to sample values (all 50 mg/L)
plus before calculation) all Cu's diluted and re-run, blank subtracted.

*** Bench Spike

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LABORATORY REPORT

111549

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals

Report Date: 12/2/94
Sample Received: 11/22/94

Sample Description: QC for samples 02042, 02043, 02045, 02046, 02047, 02048, 02049

Analyte	ICV (%)	CCV (%)	MSR (%)	MSD (%)	Cal. Blank	Mtd. Blank	MDL ppm	LCS (%)
Silver	98.4	****	91.9	12.2	<0.022	<0.022	0.022	110
Arsenic	100.5	100.8	106.0	47.9***	<0.0013	<0.0013	0.0013	111.4
Barium	102.0	99.9	90.3*	0.60	<0.006	<0.006	0.006	80.0
Chromium	102.1	105.6	85.4*	13.2*	<0.010	<0.010	0.010	92.7
Cadmium	102.7	102.8	83.0*	0.56*	<0.005	<0.005	0.005	105.2
Mercury	98.2	102.0	94.8	4.0	<0.0005	<0.0005	0.0005	107.8
Lead	103.9	102.2	101.2*	0.77	<0.035	<0.035	0.035	94.7
Selenium	104.3	101.3	147.5***	181.***	<0.0012	<0.0012	0.0012	108.4
Copper	98.5	106.5	84.7*	2.0*	<0.010	0.127**	0.010	99.5
Nickel	101.6	99.7	95.0*	1.0*	<0.033	<0.033	0.033	107.7
Zinc	102.1	92.5	93.7*	0.15*	<0.009	<0.009	0.009	91.0

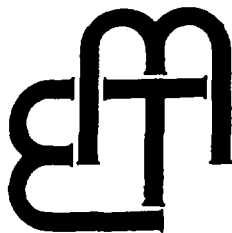
* Sample values large and heterogenous, spike values and RPD's obtained from dilution and bench spiking.

** Slightly high blank, insignificant in comparison to sample values (all 50 mg/L) plus before calculation) all Cu's diluted and re-run, blank subtracted.

*** Heterogenous sample: dirt with different pieces of metal and debris.

**** Short run CCV not applicable

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LABORATORY REPORT

111555-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-15
Sample No.: 02047

Report Date: 12/2/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|------|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 120% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 110% |

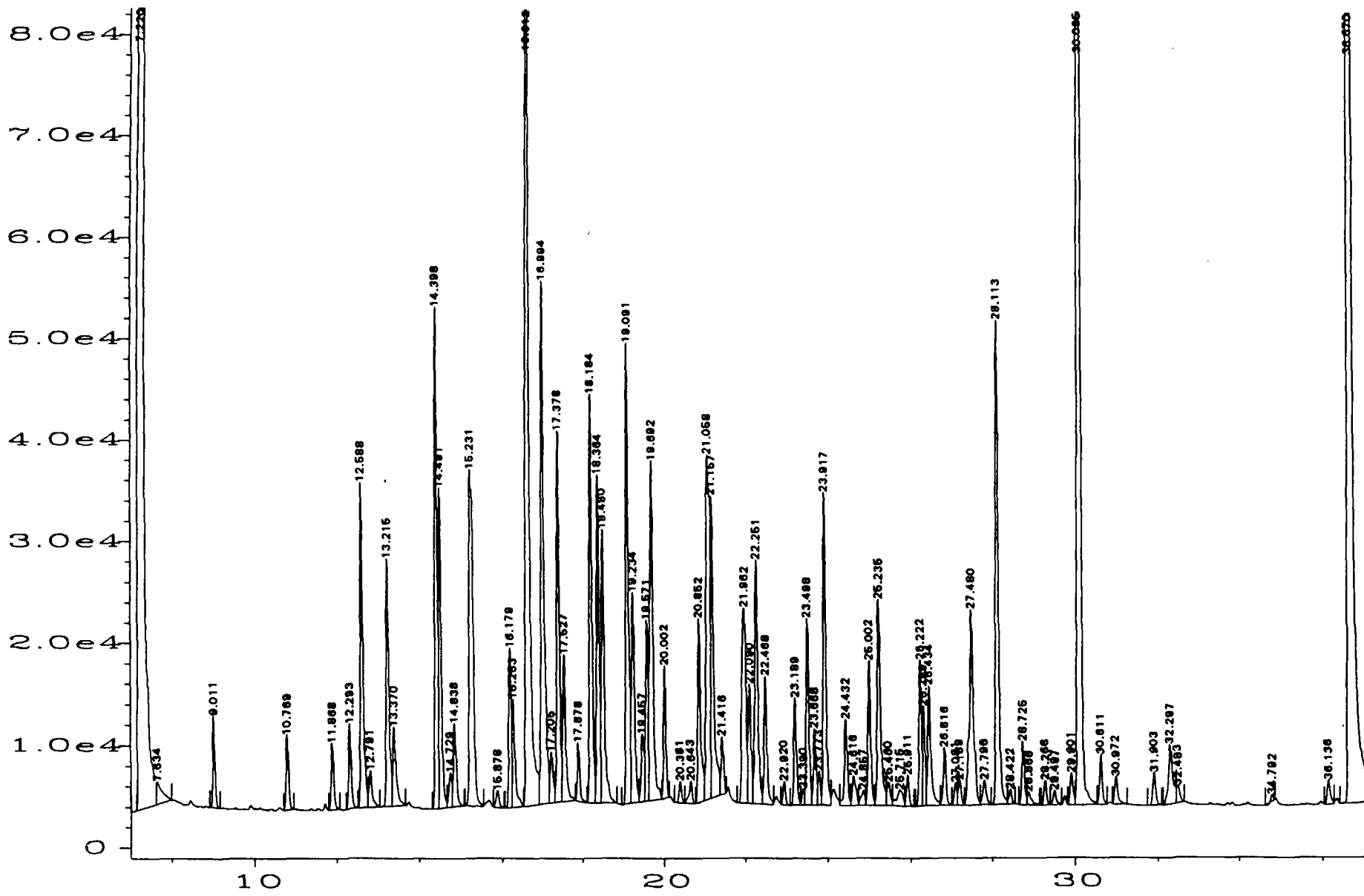
Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

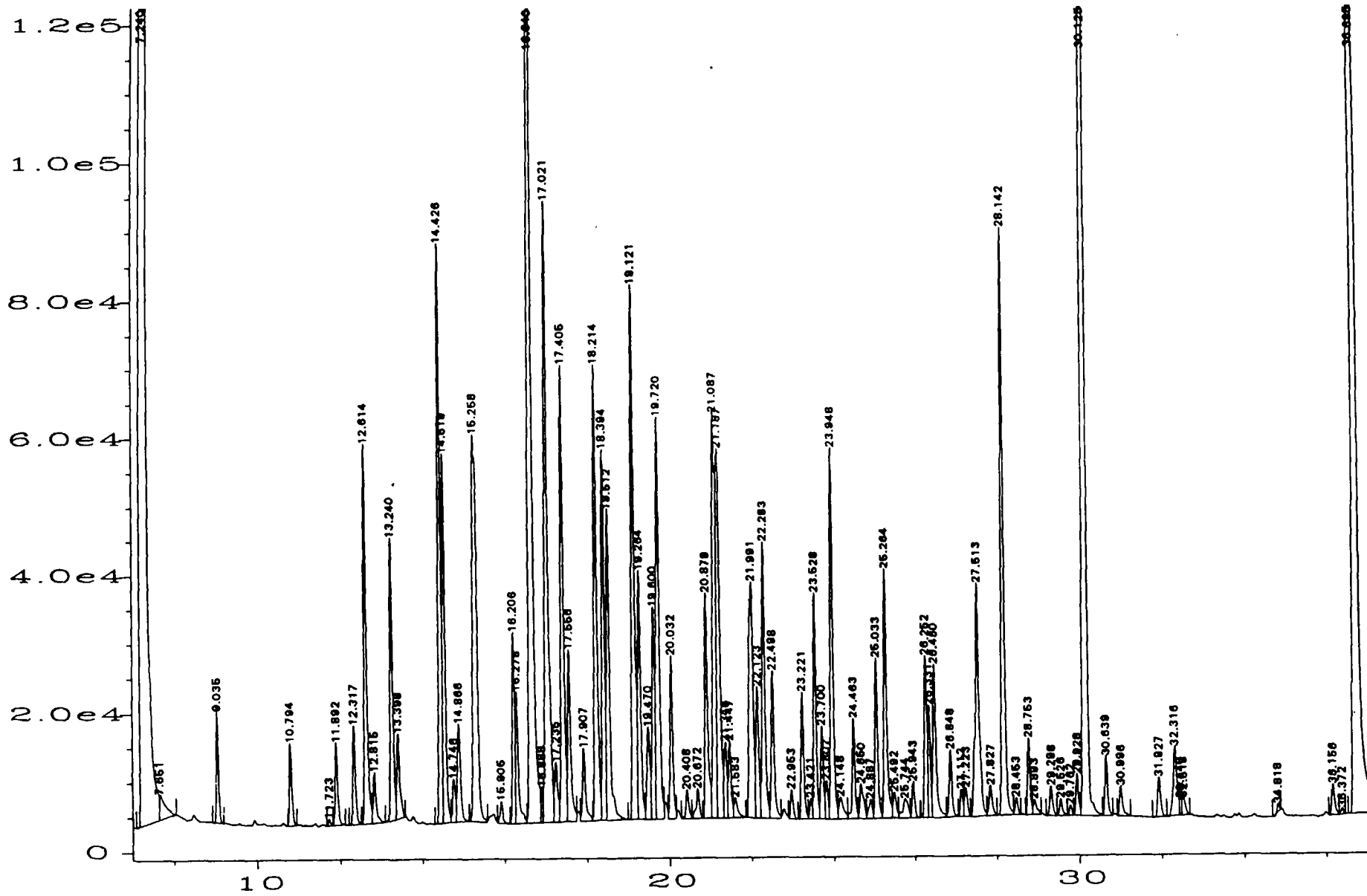
Leah E. Zehr

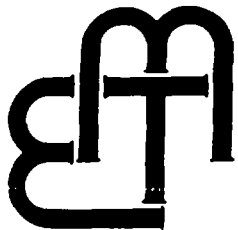
LABORATORY DIRECTOR

02047 PCB 0.9136g → 40ml 0.1 ml → 1000 μl surr 1000 μl n/50



02047 PCB 0.9136g ~ 40ml 0.1ml ~ 500µl cur 100g/1
0/10





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LABORATORY REPORT

111555-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-15
Sample No.: 02047

Report Date: 12/2/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

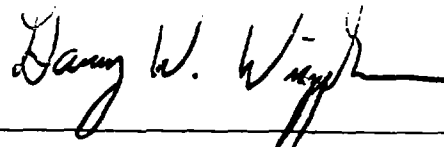
Sample relinquished by Riedel Environmental 11/22/94

Sample received by EMT 11/22/94

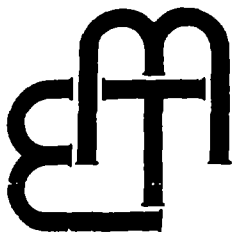
Sample analyzed for Total Metals 11/30/94

Sample extracted for PCB's 11/26/94

Sample analyzed for PCB's 11/30/94



LABORATORY DIRECTOR



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LABORATORY REPORT

111601

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-15
Sample No.: 02047

Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available


LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
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FAX: 708/967-6735

LABORATORY REPORT

111629

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 12/1/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-14
Sample No.: 02048

Arsenic	17
Barium	340
Cadmium	98
Chromium	160
Copper	16,000
Lead	1600
Mercury	25
Nickel	170
Selenium	8.6
Silver	13
Zinc	4700

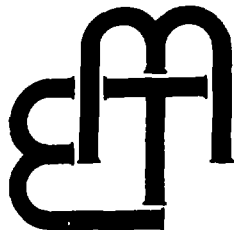
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



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LABORATORY REPORT

111553

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-14
Sample No.: 02048

Report Date: 12/2/94
Sample Received: 11/22/94

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<40000	<0.08	40000	200000
PCB 1232	<40000	<0.08	40000	200000
PCB 1016 (1242)	350000	<0.08	40000	200000
PCB 1248	<40000	<0.08	40000	200000
PCB 1254	387000	<0.08	40000	400000
PCB 1260	<40000	<0.08	40000	400000
(Total PCB)	737000	<0.08	40000	----

Analysis reported on a dry weight basis.

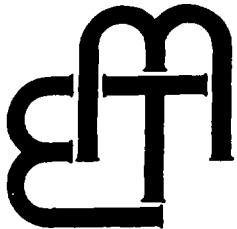
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

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LABORATORY REPORT

111553-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-14
Sample No.: 02048

Report Date: 12/2/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|------|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 114% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 139% |

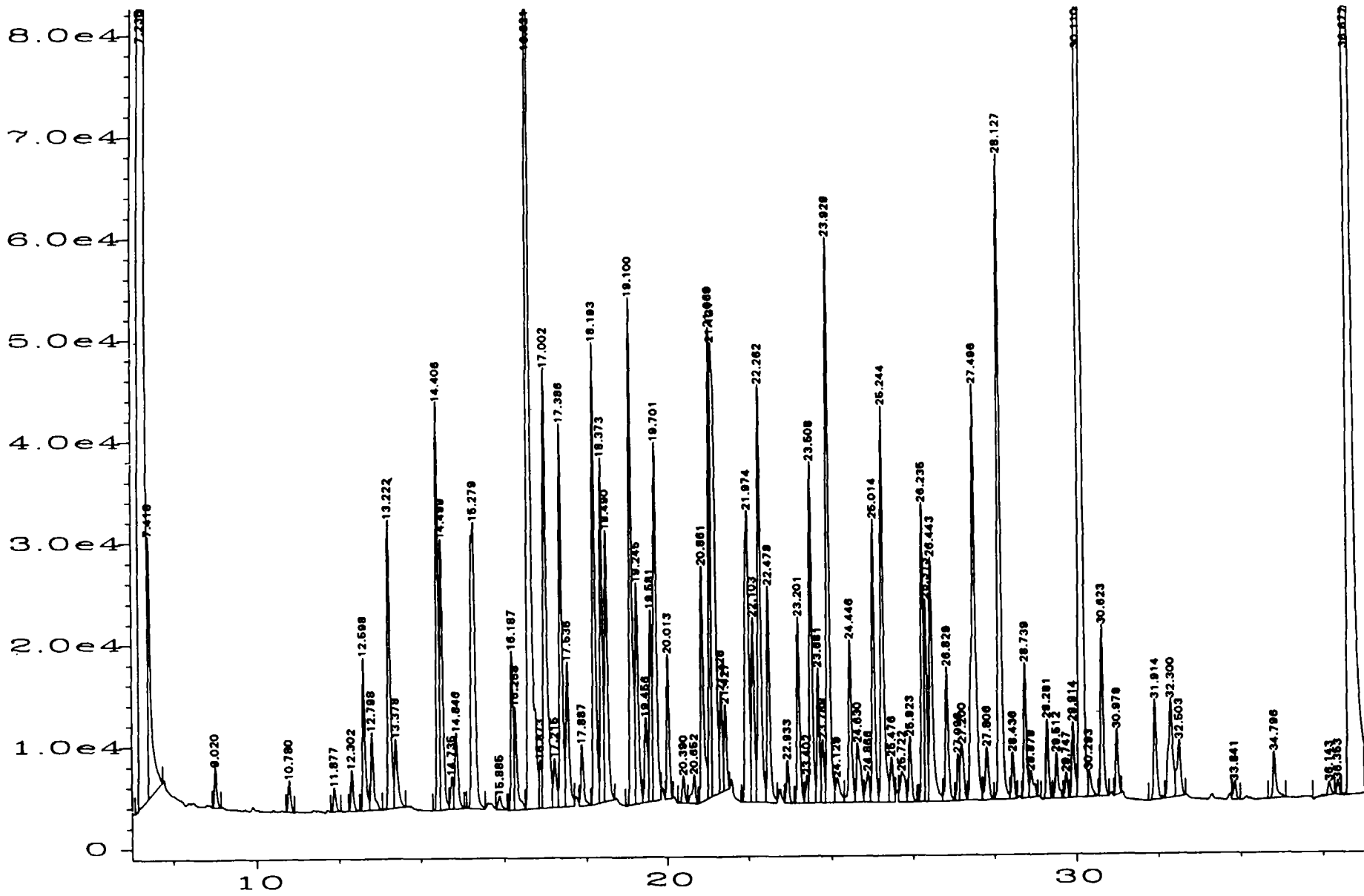
Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zikew

LABORATORY DIRECTOR

02048 PCS 14339g → 40ml 0.5ml-500μl 100μl-500μl 35 μl-100μl



C:\HPCHEM\2\DATA\Z941130\012F1201.D



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8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
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LABORATORY REPORT

111553-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-14
Sample No.: 02048

Report Date: 12/2/94
Sample Received: 11/22/94

Sample Documentation and Holing Times

Sample relinquished by Riedel Environmental 11/22/94

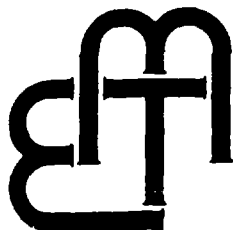
Sample received by EMT 11/22/94

Sample analyzed for Total Metals 11/30/94

Sample extracted for PCB's 11/26/94

Sample analyzed for PCB's 11/30/94

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
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LABORATORY REPORT

111602

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-14
Sample No.: 02048

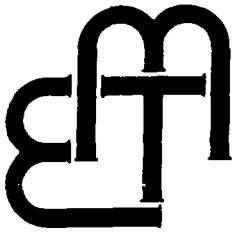
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehr

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

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LABORATORY REPORT

111442

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-15
Sample No.: 02049

Report Date: 12/1/94
Sample Received: 11/22/94

Arsenic	7.88
Barium	394
Cadmium	101
Chromium	394
Copper	22700
Lead	1430
Mercury	20.8
Nickel	632
Selenium	10.4
Silver	25.1
Zinc	5730

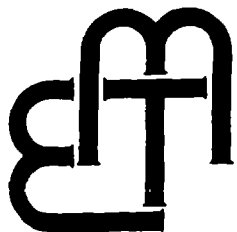
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



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LABORATORY REPORT

111647

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYJ-15
Sample No.: 02049

Report Date: 12/2/94
Sample Received: 11/22/94

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<80000	<0.08	80000	400000
PCB 1232	<80000	<0.08	80000	400000
PCB 1016 (1242)	519000	<0.08	80000	400000
PCB 1248	<80000	<0.08	80000	400000
PCB 1254	322000	<0.08	80000	800000
PCB 1260	<80000	<0.08	80000	800000
(Total PCB)	841000	<0.08	80000	----

Analysis reported on a dry weight basis.

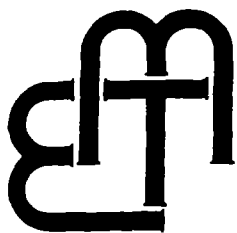
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR



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LABORATORY REPORT

111647-A

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-15
Sample No.: 02049

Report Date: 12/2/94
Sample Received: 11/22/94

PCB'S/Pesticides Surrogate Recoveries

- | | | |
|----|---|------|
| 1. | 3,5-Dichlorobiphenyl (PCB#14) | 116% |
| 2. | 2,3,4,4',5,6-Hexachlorobiphenyl (PCB#166) | 119% |

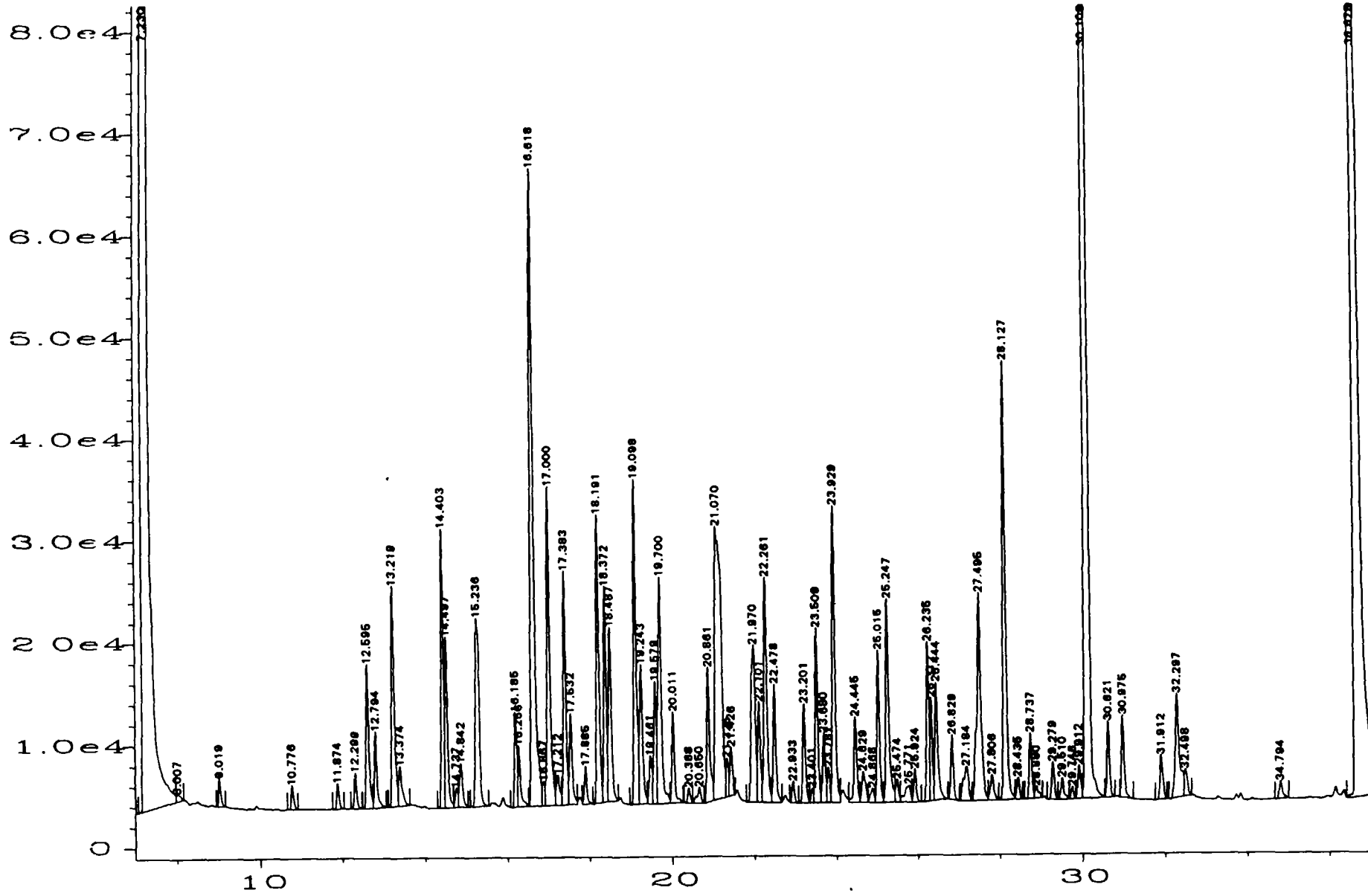
Methods performed according to SW-846 "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

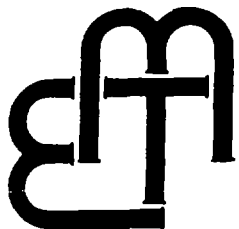
Leah E. Zehn

LABORATORY DIRECTOR

02049 PCB 1.3845g - 10ml 0.5ml - 500µl 50µl - 500µl 15



C:\NPPCHEM\2\DATA\Z941130\013F1301.D



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LABORATORY REPORT

111647-B

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-15
Sample No.: 02049

Report Date: 12/2/94
Sample Received: 11/22/94

Sample Documentation and Holding Times

Sample relinquished by Riedel Environmental 11/22/94

Sample received by EMT 11/22/94

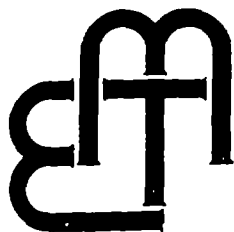
Sample analyzed for Total Metals 11/30/94

Sample extracted for PCB's 11/26/94

Sample analyzed for PCB's 11/30/94

Leah E. Zehner

LABORATORY DIRECTOR



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LABORATORY REPORT

111603

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-15
Sample No.: 02049

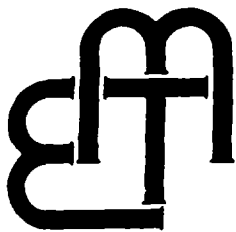
Report Date: 12/1/94
Sample Received: 11/22/94

Method, Rinsate and Trip Blank

Not Requested/Not Available

Leah E. Zehr

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

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LABORATORY REPORT

111547

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 12/2/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals

Sample Description: QC for samples 01963, 01964, 01965, 01966, 01967

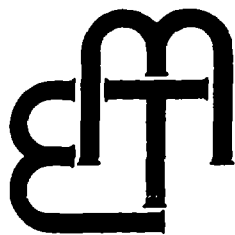
Analyte	ICV (%)	CCV (%)	MSR (%)	MSD (%)	Cal. Blank	Mtd. Blank	MDL ppm	LCS (%)
Silver	98.0	**	88.5	4.5	<0.022	<0.022	0.022	114.2
Arsenic	100.1	103.8	106	16.5	<0.0013	<0.0013	0.0013	120.5
Barium	96.5	100.1	91.1*	7.7	<0.006	<0.006	0.006	94.8
Chromium	99.9	100.7	96.9	4.9*	<0.010	<0.010	0.010	100.8
Cadmium	99.8	103.7	84.3	11.9	<0.005	<0.005	0.005	106.8
Mercury	105.0	104.0	107.0	8.0	<0.0005	<0.0005	0.0005	107.8
Lead	98.0	90.9	85.7*	12.1	<0.035	<0.035	0.035	102.6
Selenium	95.4	99.2	79.6	44.***	<0.0012	<0.0012	0.0012	117.3
Copper	97.6	94.6	95.9*	2.3*	<0.010	<0.010	0.010	97.2
Nickel	96.8	96.7	90.8*	8.7	<0.033	<0.033	0.033	105.7
Zinc	96.4	98.4	105.6*	4.0*	<0.009	<0.009	0.009	106.8

* Acquired from dilution and bench spike

** Short run CCV not applicable

*** Sample used for QC is heterogenous: dirt, pebbles, pieces of metal and wood

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

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LABORATORY REPORT

111545

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 12/2/94
Sample Received: 11/22/94

Project No.: 8157

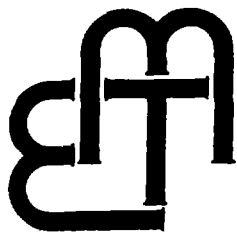
Project Name: SS Metals

Sample Description: QC for samples 02013, 02014, 02015, 02016

Analyte	ICV (%)	OCV (%)	MSR (%)	MSD (%)	Cal. Blank	Mtd. Blank	MDL ppm	LCS (%)
Silver	99.2	*	89.4	1.7	<0.022	<0.022	0.022	113.9
Arsenic	100.5	100.8	99.4	1.16	<0.0013	<0.0013	0.0013	111.0
Barium	102.0	103.9	94.2	4.8	<0.006	<0.006	0.006	80.0
Chromium	102.1	105.7	91.7	0.98	<0.010	<0.010	0.010	92.7
Cadmium	102.7	102.3	85.7	1.8	<0.005	<0.005	0.005	105.2
Mercury	96.2	102.0	94.8	4.0	<0.0005	<0.0005	0.0005	107.8
Lead	103.9	105.6	102.0	4.0	<0.035	<0.035	0.035	94.7
Selenium	104.7	101.3	84.0	1.96	<0.0012	<0.0012	0.0012	96.1
Copper	98.5	105.7	82.8	1.9	<0.010	0.012	0.010	99.5
Nickel	101.6	102.0	86.3	6.2	<0.033	<0.033	0.033	107.7
Zinc	102.1	103.2	105.0	6.5	<0.009	<0.009	0.009	91.0

* Not Applicable Short Run

LABORATORY DIRECTOR



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LABORATORY REPORT

111546

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 12/2/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals

Sample Description: QC for samples 02017, 02018, 02031, 02032

Analyte	ICV (%)	OCV (%)	MSR (%)	MSD (%)	Cal. Blank	Mtd. Blank	MDL ppm	LCS (%)
Silver	100.2	100.2	89.6	2.5	<0.022	<0.022	0.022	104.8
Arsenic	100.8	103.3	91.8	0.83	<0.0013	<0.0013	0.0013	111.4
Barium	99.6	98.3	89.4	2.7	<0.006	<0.006	0.006	92.6
Chromium	98.9	98.1	87.7	3.1	<0.010	<0.010	0.010	96.9
Cadmium	100.2	101.4	89.8	4.3	<0.005	<0.005	0.005	110.7
Mercury	98.2	102.0	94.8	4.0	<0.0005	<0.0005	0.0005	107.8
Lead	102.4	105.4	88.3	2.2	<0.035	<0.035	0.035	83.8
Selenium	99.1	94.7	92.4	4.5	<0.0012	<0.0012	0.0012	108.4
Copper	97.7	98.9	81.9	3.0	<0.010	<0.010	0.010	105.4
Nickel	99.3	103.4	91.2	7.7	<0.033	<0.033	0.033	106.5
Zinc	101.1	102.4	84.4	0.40	<0.009	<0.009	0.009	112.7

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

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LABORATORY REPORT

111441

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Report Date: 12/1/94
Sample Received: 11/22/94

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-15
Sample No.: 02047

Arsenic	22.7
Barium	306
Cadmium	125
Chromium	170
Copper	73700
Lead	1470
Mercury	30.6
Nickel	431
Selenium	7.37
Silver	11.3
Zinc	4310

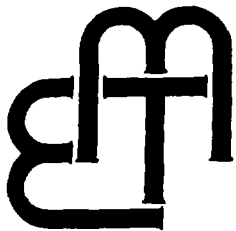
Analysis reported on a dry weight basis.

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

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LABORATORY REPORT

111555

Riedel Environmental Services, Inc.
500 Eastern Avenue
Bensenville, IL 60106

Project No.: 8157
Project Name: SS Metals
Sample Description: MYH-15
Sample No.: 02047

Report Date: 12/2/94
Sample Received: 11/22/94

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<100000	<0.08	100000	500000
PCB 1232	<100000	<0.08	100000	500000
PCB 1016 (1242)	1430000	<0.08	100000	500000
PCB 1248	<100000	<0.08	100000	500000
PCB 1254	421000	<0.08	100000	1000000
PCB 1260	<100000	<0.08	100000	1000000
(Total PCB)	1851000	<0.08	100000	----

Analysis reported on a dry weight basis.

All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zehr

LABORATORY DIRECTOR